

19980306.qrp v01_n021.qrs.980306

Date: Fri, 6 Mar 1998 19:03:10 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1021

QRP-L Digest 1021

Topics covered in this issue include:

- 1) [5341] Re: Learning to use paddles...
by Chuck and Michele Snyder <csnyder@nextdim.com>
- 2) [5342] RE: NY Times Ham Radio Article
by Tom Bowman <tbowman@nbn.net>
- 3) [5343] W7EL Directional Wattmeter
by "Glen Torr" <glentorr@ozemail.com.au>
- 4) [5344] K7HLR code practice (was RF Probe Panic)
by Gardner / Maguire <bagardn@ibm.net>
- 5) [5345] RE: Headphones
by Rich Mulvey <mulveyr@mulveyr.roc.servtech.com>
- 6) [5346] Re: Antenna oriented!
by "Roy Lincoln@cocentral.com" <cc1595@cocentral.com>
- 7) [5347] AA1MY FOX LOG DELAYED
by SEAB&SHARON LYON <SSLYON@worldnet.att.net>
- 8) [5348] Re: Learning to use paddles...
by wb8ygg@juno.com
- 9) [5349]
by Hank Kohl K8DD <k8dd@contesting.com>
- 10) [5350] Re: Learning to use paddles... (Long)
by DENNIS MO <DENNISMO@aol.com>
- 11) [5351] TAContest Rev 1.0
by kt3a@juno.com (Cameron C.R. Bailey)
- 12) [5352] The Blank Subject.....
by Hank Kohl K8DD <k8dd@contesting.com>
- 13) [5353] Re: QRP Rig Idea
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 14) [5354] ScQRPion March Meeting
by flydnq7x@primenet.com (Floyd Smithberg)
- 15) [5355] Re: QRP Rig Idea
by Brian Chesire <BCChesire@worldnet.att.net>
- 16) [5356] Re: OHR 100A Complete
by launerb@crl.com (William H. Launer)
- 17) [5357] 40 meter Loop Continued!!!
by jdenison@morelr.com (JOEL DENISON)
- 18) [5358] FT 901 MOD ????
by RangerSF5 <RangerSF5@aol.com>
- 19) [5359] Re: Learning to use paddles... (Long)

- by Monte Stark <ku7y@sage.dri.edu>
- 20) [5360] Re: New York Times Ham Radio Article
by Bruce Muscolino <w6toy@pop.erols.com>
- 21) [5361] Indoor Antennas
by Bruce Muscolino <w6toy@pop.erols.com>
- 22) [5362] Re: 40 meter Loop Continued!!!
by gsurrency@juno.com (Gary L Surrency)
- 23) [5363] Headphones
by Monte Stark <ku7y@dri.edu>
- 24) [5364] Re: Headphones
by DYARNES <DYARNES@aol.com>
- 25) [5365] FEB98 SOLAR SUMMARY
by Paul Harden <pharden@aoc.nrao.edu>
- 26) [5366] Re: Learning to use paddles...
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 27) [5367] "Cheap" solar panels
by LYN WILLIAMS <designserv@ipass.net>
- 28) [5368] LDG AT-11 Upgrade
by "Jeff M. Gold" <JGold@tntech.edu>
- 29) [5369] MFJ M0ds Page
by Bob Hightower <ki7mn@dancris.com>
- 30) [5370] TechAmerica 20Mhz Protek Scope
by "Mark A. Andrews" <KE4IOF@HiWAAY.net>
- 31) [5371] Alinco Reflector
by Ken Graham <k5id@ipa.net>
- 32) [5372] FS: Index Labs QRP+ and Companion
by "Mike Rioux" <mrioux@iname.com>
- 33) [5373] Substitute Test Equipment
by Mike - W0TMW <crucis@sky.net>
- 34) [5374] Re: NY Times Ham Radio Article
by Andy Fox <foxes@theriver.com>
- 35) [5375] Re: Learning to use paddles...
by "Curtis D. Levin" <cdlevin@dialisdn.com>
- 36) [5376] Re: 40 meter Loop Continued!!!
by "David, n2zhy" <n2zhy@amsat.org>
- 37) [5377] HELP: OHR Explorer
by Kent Torell <torell@sicom.com>
- 38) [5378] Re: QRP Rig Idea
by "Buck, Preston D" <BuckPD@corning.com>
- 39) [5379] Trade 6 meter ssb for 40 meter qrp kit
by n1wcc@juno.com (Arol b hill)
- 40) [5380] Re: QRP Rig Idea
by "Ray Lowe" <wd5dhk@hotmail.com>
- 41) [5381] NY times article
by "Rob Kopp" <rkopp@pioneerplanet.infi.net>
- 42) [5382] FOX: N/T+ fox this Sunday - N0GLM
by "Buck, Preston D" <BuckPD@corning.com>
- 43) [5383] Re: Alinco Reflector

by "Brian K. Short" <shortckt@primenet.com>
44) [5384] Re: Learning to use paddles...
by Roger Hightower <n7kt@earthlink.net>
45) [5385] KnightSMiTe update
by "Bob Kellogg" <ae4ic@nr.infi.net>
46) [5386] KnightSMiTe mods
by "Bob Kellogg" <ae4ic@nr.infi.net>
47) [5387] What's New at MT
by "Marshall Emm" <mgemm@mtechnologies.com>
48) [5388] Re: Paddles and Learning
by adams@chuck.dallas.sgi.com (Chuck Adams)
49) [5389] Re: Learning to use paddles...
by "Curtis D. Levin" <cdlevin@dialisdn.com>
50) [5390] Apology
by Andy Fox <foxes@theriver.com>
51) [5391] NE612 versus NE602
by John Evans - N0HJ <jae@codenet.net>
52) [5392] Re: Learning to use paddles...
by LYN WILLIAMS <designserv@ipass.net>
53) [5393] Thanks in re: Learning Paddles / WTB
by chunt@macromedia.com (Christian Hunt)
54) [5394] Alinco DX-70 QRP longish
by "Kelly Ellison" <kelman@dialnet.net>
55) [5395] Re: Alinco DX-70 QRP longish
by Chris Cartwright <ccart@dns.vidtel.com>
56) [5396] Re: NE612 versus NE602
by John Evans - N0HJ <jae@codenet.net>
57) [5397] Ham Radio
by Mel Evans <MelEvansGM6JAG@compuserve.com>
58) [5398] Re: Book:you all should have
by Leon Heller <leon@lfheller.demon.co.uk>
59) [5399] RE: Apology
by Kevin Muenzler <wb5rue@stic.net>
60) [5400] NorCal Paddles
by mwattcpa@earthlink.net (Marty Watt)
61) [5401] Re: Paddles and Learning
by Monte Stark <ku7y@sage.dri.edu>
62) [5402] Nice Surprise
by "Marshall Emm" <mgemm@mtechnologies.com>
63) [5403] Re: Apology
by Ed Loranger <we6w@qsl.net>
64) [5404] Re: Book:you all should have
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
65) [5405] NorCal to have Major Announcement at Dayton
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
66) [5406] cw on 10 meters ???
by "Curtis D. Levin" <cdlevin@dialisdn.com>
67) [5407] Re: cw on 10 meters ???

by Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>
68) [5408] DCTL questions
by mwattcpa@earthlink.net (Marty Watt)
69) [5409] RE: cw on 10 meters ???
by Kevin Muenzler WB5RUE <wb5rue@stic.net>
70) [5410] Re: Apology
by Mike Martin <mmartin@netins.net>
71) [5411] Re: Paddles and Learning
by "Michael Connor" <mikec@primenet.com>
72) [5412] HOW MUCH DRIFT is OK?
by Ed Loranger <we6w@qsl.net>
73) [5413] Re: Paddles and Learning
by wb8ygg@juno.com
74) [5414] Re: Apology
by Jim Lowman <jmlowman@ix.netcom.com>
75) [5415] Re: Headphones
by Steven Weber <kd1jv@moose.ncia.net>
76) [5416] Re: Paddles and Learning
by Ed Loranger <we6w@qsl.net>
77) [5417] Re: HOW MUCH DRIFT is OK?
by "Robert P. Okas" <vintage@best.com>
78) [5418] Fox: N6WG Final Log
by Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
79) [5419] Re: Paddles and Learning
by Ed Loranger <we6w@qsl.net>
80) [5420] Re: NU0V/John
by kq0i@juno.com (Mark R Milburn)
81) [5421] Whizzing tales
by "Caro, Carlos" <carlos.caro@lmco.com>
82) [5422] Re: Apology
by Monte Stark <ku7y@dri.edu>
83) [5423] No QRP in NY Times article
by "Mike Czuhajewski" <mczuhajewski@evi-inc.com>

Date: Thu, 05 Mar 1998 16:14:23 -0800
From: Chuck and Michele Snyder <csnyder@nextdim.com>
To: chunt@macromedia.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [5341] Re: Learning to use paddles...
Message-ID: <34FF3FDF.A971668E@nextdim.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Christian,

Please forward any info you may gather regarding this topic because I am also interested. I am about to take my Technician exam and will try my hand at CW sometime later. Thanks!

--

Chuck Snyder (No_Call_Sign_Yet)
<http://www.nextdim.com/users/csnyder/index.htm>
QRP-L #1462
Spokane, WA

Christian Hunt wrote:

> Not really QRP, but I didn't know where else to ask. Plus you guys are all
> good, so I didn't think anyone would mind... :)
>
> If someone (say me) wanted to learn how to use paddles, where would they
> start? Getting some paddles and a keyer and practicing? Trial and error?
> Osmosis from really gud ops online?
>
> Thanks in advance!
>
> 72 de KF6IHU - Christian

Date: Thu, 05 Mar 1998 19:18:22 -0500
From: Tom Bowman <tbowman@nbn.net>
To: qrp-l@Lehigh.EDU
Subject: [5342] RE: NY Times Ham Radio Article
Message-ID: <3.0.1.32.19980305191822.007dc390@nbn.net>
Mime-Version: 1.0
Content-Type: text/enriched; charset="us-ascii"

Remember this: There were **hundreds** of story ideas competing for space in the

New York Times.

And ham radio won out. In the New York Times.

That friends, is a coup.

It would cost mega-bucks to buy good press like this article provided.

Don't ruin it.

The writer made one mistake about the power level. That's a pretty fair batting average when you consider all the technical things he got right.

One of the acid tests of whether an article is worth writing or a subject worth covering is simple - "Does anybody really care?"

Write your letters complaining about the article.

But before you mail them, remember this was written for a very diverse audience of thousands of readers.

Then ask your self if anybody really cares about your complaint.

Let's not whine about this one. The author did a good job.

BTW, don't bother looking my name and address up.

I write for a newspaper, too. I only wish I could write as well as this NY Times guy....

73,

Tom Bowman, WA3REY

P.O. Box 636

Mount Gretna, PA 17064

<small> </small>Tom Bowman <<><< WA3REY,
Mount Gretna, PA 17064

Date: Fri, 6 Mar 1998 11:36:29 +1100
From: "Glen Torr" <glentorr@ozemail.com.au>
To: "<Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [5343] W7EL Directional Wattmeter
Message-ID: <199803060036.LAA08615@oznet15.ozemail.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi to everyone,

I am planning to build the above instrument from Feb 1990 QST and later in QRP Classics p217.
My problem is that the cores for T1 - T3 are specified as FT-37-72 (Do not substitute). These cores are obsolete and Amidon says that FT-37-77 cores are an upgrade of the 72's.
Has anyone built this project using the 77's and how did it turn out ?
Does anyone have any thoughts on the interchangeability of 72 and 77 ferrite ?

Many Thanks in advance

72 Glen VK1FB

Date: Thu, 05 Mar 1998 16:48:07 -0800
From: Gardner / Maguire <bagardn@ibm.net>
To: "Michael A. Gipe" <mgipe@reliablemeters.com>
Cc: qrp-l@Lehigh.EDU
Subject: [5344] K7HLR code practice (was RF Probe Panic)
Message-ID: <34FF47C7.6BC6@ibm.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Mike (and cc to the group),

K7HLR broadcasts code practice daily on 7058. Two sessions every day, starting at 0000Z and 1400Z. (But I think it changes with daylight savings time.) Each session lasts for three hours and goes from 5 WPM to 40 WPM. I usually tune in around 6 PM PST when they start 30 WPM, trying the technique of listening at a faster speed than I can easily copy. Lately the format has been 20 minutes at 30 WPM, then 20 minutes at 35, then 20 at 40. In the past they have done 30 minutes at 30 WPM and 15 each at 35 and 40. Not sure about the slower speeds (times at each speed).

The copy is all straight text, complete with some punctuation marks that you'll never hear in a QSO, like quote marks. The text is from stories originally published in "The Sparks Journal", now out of print. Mostly tales from sea/land/air/railroad radio ops. Really interesting stories (OK, to me at least).

I like the practice format cuz it's 20/30 minutes at higher speeds, with subject matter that you (I) really want to copy. (Maybe copy is the wrong word. I don't write anything down, just listen like listening to a book on tape on the drive to work or something.)

The station is in Utah. Since my antenna favors low angles I can't always get a clear shot, but lately reception has been great for the evening show. (Can't say that I've ever caught the 1400Z [1600Z for 30 WPM] broadcast. I'm not a morning person. But I just might sneak up on it from the night before!) Transmits on 7058, so maybe it has something to do with FISTS. Don't know about any other bands.

73, Dan AC6LA
NorCal land (Morgan Hill, CA)

Date: Thu, 05 Mar 1998 19:59:41 -0500 (EST)
From: Rich Mulveyr <mulveyr@mulveyr.roc.servtech.com>
To: Monte Stark <ku7y@sage.dri.edu>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [5345] RE: Headphones
Message-ID: <XFMail.980305195941.mulveyr@mulveyr.roc.servtech.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit

MIME-Version: 1.0

On 05-Mar-98 Monte Stark wrote:

> Hi All,
>
> I bought some VHF headphones. So far they are working great.
>
> No idea how long the batteries will last.
>
>
> These cost a little under \$60.

Interesting - I've never seen them so cheap. Where did you get them from at that price?

- Rich

--

Rich Mulvey

My return address is my last name,
followed by my first initial, @mulveyr.roc.servtech.com
<http://mulveyr.roc.servtech.com>
Amateur Radio: aa2ys@wb2wxq.#wny.ny.usa

Date: Thu, 05 Mar 98 14:02:49 PST
From: "Roy Lincoln@cocentral.com" <cc1595@cocentral.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [5346] Re: Antenna oriented!
Message-ID: <MAPI.Id.0016.00633135393520203030303630303036@MAPI.to.RFC822>
MIME-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"
Content-Transfer-Encoding: quoted-printable

Hello everyone,

Thought i would like to share some interesting dialogue with the group =
on antennas. Many, if not most, of us are very interested in the subject =
of antennas. No single more important aspect of radio affects our result =
s more than antennas.

For much of my years of hamming, i've had to use antennas that were low =
, 25-35 feet high. Sometimes, i've used ground mounted verticals with out =
standing results, especially when i had extensive ground systems, but muc =
h of the time those antennas were horizontal.

A horizontal antenna has to be approaching 1/2 wavelength high, in orde =
r to discern any directivity to it. Even the dipole. Funny that no one ever =

seems to mention that a dipole exhibits a fair front to side ratio, and =
when 1/2 wave high or more, it can be fairly substantial. Occasionally =
an author will alude to the fact that a pair of dipoles at right angles =
might be a good setup.

Over the past 2 yrs. or so, i've enjoyed higher antennas and have been =
playing with a good number of them. Presently i'm using 3 dipoles, 2 of =
them are cut for 40 meters, both are 65 feet high, one of them is oriented =
towards Japan, Western VK, Far East, etc.(330 /150 deg.) The other is =
oriented towards Africa, Eastern VK, ZL, Western USA, etc.(090/270 deg) The =
third antenna is a 30 meter dipole at 55 ft. high, oriented towards Europe, =
Central/South Asia, etc.(030 deg.) All incoming signals are no further =
off of broadside of one of these antennas than 30 deg. All of the antenna =
s are fed with 440 Ohm ladderline and are useful on several bands, but =
in the past 2 yrs., i've been most active on 30 meters. It's a fine QRP band =
and to prove it, i've worked 44 states and 47 countries in the past =
year with 950 milliwatts out. Over 100 countries and 49 states at the 4 =
watt level.

Having 3 antennas to choose from and selecting the one that yields the =
strongest signal is a very worthwhile endeavor. Often it means several db =
of improvement compared to having just one or two to select from. Occasionally =
it means the difference between hearing or not hearing a signal at =
all. Sometimes the enhancement is on the order of 10 db or so. And interestingly =
enough, occasionally, the antenna that is broadside does not yield =
the strongest signal. Much remains to be learned and discovered about antennas. =
I hope you enjoy exploring them as much as i do.

73 Roy Lincoln =

WA4DOU QRP ARCI# 2330

Date: Fri, 6 Mar 1998 01:02:36 +0000
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [5347] AA1MY FOX LOG DELAYED
Message-ID: <19980306010234.AAA17657@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

SORRY FOR THE DELAY... NO TIME AND V.E.R.Y. RUSTY W/LOG-EQF
MANIPULATIONS. WILL POST A.S.A.P. 73 =S=

''''''''
Seab Lyon, AA1MY, Bethel, CT, USA
FN-31-HJ; ARRL; QCWA; ACRI#9253;
QRP-L#574; NEQRP#511; Pres., C.A.R.A.:
<http://www.danbury.org/org/cara/>

Date: Thu, 5 Mar 1998 18:15:32 -0500
From: wb8ygg@juno.com
To: chunt@macromedia.com
Cc: qrp-1@Lehigh.EDU
Subject: [5348] Re: Learning to use paddles...
Message-ID: <19980305.181533.4598.0.wb8ygg@juno.com>

Hi Christian,
This is the way I learned many years ago!

First and foremost, It's good to understand the basics.

The thumb is used for the dit, and the index finger for the dah.

Originally it was said that the thumb was more dexterous than the finger for the quick insertion of dits required, but it has become a standard. Some stray from this, but it's best to learn the standard method.

Next some Terminology:
Mode A
Mode B
These are two different IAMBIC keying modes.

Mode A was what originally was used, but it was never called that. It was just Iambic Keying. John Curtis of Curtis Iambic Keyer chip fame coined the phrase when he came out with the second mode, mode B. Mode B emulated the Heathkit and many other keyer modes, and was fastly becoming the most popular mode.

Learn Mode B. Most keyers either support, this or only have mode B.

Next, keying.

Dits: Send some dits, stop send some more., Send the letter I, e h, s get used to stopping when you need to.
Dahs, same thing.

Dit insertion. Send dahs continuously, and practice inserting a dit here a dit there.
Soon you will find that you have created the leter K, Y Q, etc.
Dah Insertion, same as dit, but send dits, and insert dahs, you will find that you can create the letters R, L, etc

Iambic, True Iambic is not letting go of the paddles.
That means that you always have either the dit or dah pressed. Never
letting go.
ALL the letters and numbers can be sent this way.

Alternate Starting with dits.
squeeze both paddles starting with the dit paddle.
You will get dit dah dit dah dit dah forever.
shorten it up, and yo can send the letter A, R, period... etc.

Alternate starting with Dah.
letters N, K, C come easily.

A note on mode B with squeeze characters:
You may notice that an extra dit or dah comes out when you squeeze the
two paddles.
This is Mode B, it always sends an extra dit or dah depending on if you
have that
paddle pressed when the next to the last element of the character is
started.

Practice sending the letter that you can do with the squeeze. Get the
timing right,
it's well worth the investment.

Finally
look at each character and practice. For instance the letter L , F, P, Q
Y are good practice letters.
L is simple holding the dit paddle with an appropriate dah insertion dit
dah dit dit.
Same with F.
Q is simple the dah pressed with a Dit insertion.
After a while yo will do it second hand, and I do mean second hand.

Have fun, and enjoy CW!

Embedded Research
Brad WB8YGG/Gary N2JGU
<http://www.frontiernet.net/~embres>
embres@frontiernet.net

On Thu, 5 Mar 1998 15:36:25 -0800 chunt@macromedia.com (Christian Hunt)
writes:

>Not really QRP, but I didn't know where else to ask. Plus you guys are
>all
>good, so I didn't think anyone would mind... :)
>

>If someone (say me) wanted to learn how to use paddles, where would
>they
>start? Getting some paddles and a keyer and practicing? Trial and
>error?
>Osmosis from really gud ops online?
>
>Thanks in advance!
>
>72 de KF6IHU - Christian
>
>
>
>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 05 Mar 1998 20:21:44 -0500
From: Hank Kohl K8DD <k8dd@contesting.com>
To: qrp-1@Lehigh.EDU
Message-ID: <3.0.1.32.19980305202144.006d2ba4@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dayton Hamvention Room List Status.

There are two lists.
The first is UNCONFIRMED with Days Inn.
The second is CONFIRMED with Days Inn.

This is bcc: to those unconfirmed on the QRP-ARCI room list.
FDIM speakers are on a separate list from this list.
If you do not want the room on this list please let me know.

On the UNCONFIRMED list there up to 28 rooms that will become
available March 15 if they are not confirmed by that date. About
six have said they would confirm by March 15. I have not heard
from the rest. Now is the time to get on the standby list if
you want a room for Dayton Hamvention with the QRP crowd.

The following is from the list that is on the web page at:

<http://www.qrparci.org>

and

<http://www.geocities.com/CapeCanaveral/2844/98rooms.htm>

The following have NOT CONFIRMED rooms with
Days Inn South for Dayton Hamvention 1998

ADAMS,CHUCK	K5FO	Bohlander,Tom	WA3KLR
BRYCE,MIKE	WB8VGE	EILERS, MICHAEL	
FIFIELD, DAVE	AD6AY	FINCH, BOB (BAAB)	W9YA
FIRLIK,DON	K8AQZ	FITTON,JIM	W1FMR
GILGER,MARK	WB0IQK	JOBE,RANDY	N9YAI
JOHNSON,BYRON	WA8LCZ	KELLOGG,ROBERT	AE4IC
KINSLEY, JEFF	KB8CDD	MASSENA,FRED	KG8OK
MINNIE, TOM	K8ZYP	MOSCOLINO,BRUCE	W6TOY
NICHOLS,BOB	7J3AAL	PHELPS,MATTHEW	KE4BIG
REID,GLEN	K5HGB	ROGNER, KEN	N8KR
ROOT,TOM	WB8UUJ	TANTON, ED	N4XY
THERLE,AL	WB6RUU	THOMAS,PETER	PA0???
WHITE,BOB	W03B	YOUNG, PAUL	
	WB6PBM	Stucker, Craig	N8KNW
ERDOS, JULIUS	KD8XD		

The following have CONFIRMED rooms with
Days Inn South for Dayton Hamvention 1998

ANTCZAK,ERNEST	NC8N	ARNETT,STAN	AC8W
ARZADON,RICK	WA8RXI	BARR, JOHN	W6JTB
BENSON,DAVE	NN1G	BLANCHARD,DENNIS	K1YPP
BROMLEY, JAY	W5JAY	BRUNER,BOB	WB4TAJ
CADMUS,CLATON	KA0GKC	CAMPBELL,ROY	KN6QS
CATES,JIM	WA6GER	CORBIN,LOWELL D	W8IQB
CZUHAJEWSKI,MIKE	WA8MCQ	DAILEY,RICH	KA8OKH
DIANA,GARY	N2JGU	DOUBLEDAY,DAVID	WA8HDR
FISHPOOL,TONY	G4WIF	FRIESS,ROBERT	N6CM
FRISZ,TOM	N9DD	GOFF,RANDY	KD8G
HENDRICKS,DOUG	KI6DS	HETHERINGTON,JEFFREY	VA3JFF
Hideg,Steve	N8HSC	Horton,John	KE7CW
HUFF, DONALD	W6JL	KELLNER,RICHARD	W5RXP
KELSEY,BILL	N8ET	Kraus,Howard	K2UD
LEWALLEN,ROY	W7EL	LUCAS,NORMAN	WB6RVR
MANUEL,ED	N5EM	MATHESON,HUGH	KOQD
Mitsunaga Yoshimasa	JR3QOV	PASSIONE, VINCENT	WA2ECP
PIERCE,GEORGE	WA5ABS	PITUCH,STEVE	W2MY
RSGB Marcia Brimsom	2E1DAY (2)	RUSCHEL,AL	N4TME
SHILHANEK,TERENCE	W0PFR	SMITH,WAYNE	K8FF

SWITZER,LT	N8CQA	SZAKONYI, RICHARD	KA3ZOW
TERRES,JEROME	AA10F	TRIER,STEPHEN	KG8IH
VALKO,PAUL	W8KC	WIDMAYER,GARY	N8AYY
WILLIAMS, DONALD	W6SKG	Wohlschlag,Dick	WA9FLX
WRIGHT,BRUCE	KG8SJ	WRIGHT,VERN	W6MMA

 If there are any mistakes let me know by e-mail.
 Or phone 810 982 7088

Hank K8DD

*/ Hank Kohl K8DD k8dd@contesting.com
 */ ARRL TS (k8dd@tir.com)
 */ G-QRP ARRL/LM QCWA/LM QCAO/LM
 */ QRP-ARCI - Director MI-QRP - Vice Pres.
 */ <http://www.QRPARCI.org>
 */ <http://www.geocities.com/capecanaveral/2844/miqrp.htm>

 Date: Thu, 5 Mar 1998 20:37:41 EST
 From: DENNIS MO <DENNISMO@aol.com>
 To: qrp-l@Lehigh.EDU
 Subject: [5350] Re: Learning to use paddles... (Long)
 Message-ID: <f097e9de.34ff5368@aol.com>
 Mime-Version: 1.0
 Content-type: text/plain; charset=US-ASCII
 Content-transfer-encoding: 7bit

Hi Christian -

I still learning how to use paddles. I do okay with them but the more I use it the easier it is and the better I am becoming. I bought my paddle(s?), an MFJ 564 at a swap meet and then purchased MJJ's delux Keyer with 8 memories. The one thing that really has helped me the most was monitoring my sending - practice and on-the-air. My keyer is connected to my PC via serial port and cable and whatever I key on the paddles I can instantly see on the PC monitor. For instance.. when I get sloopy and try to send a V ..._ and send a 4_ I'll see the 4 on the monitor. When you are new to CW like I am I still miss a dit here and there. So when I send the wrong charactor I know it right away.

Everyone says that getting on the air is the best form of practice and for most CW work I have found that to be true... But until you are somewhat

comfortable using the keyer you will drive yourself nuts resending words because you goofed up. So what I did at first and still do is to pick up a copy of CQ or QST and as I read the articles I practice sending the words I've read. It really works for me. Hope this helps you and gud luck.

PS: I prefer Mode A Iambic - to each his own.

73's de Denny KF6NJQ

Date: Thu, 5 Mar 1998 20:31:03 -0500
From: kt3a@juno.com (Cameron C.R. Bailey)
To: QRP-L@Lehigh.EDU
Subject: [5351] TAContest Rev 1.0
Message-ID: <19980305.203308.3334.2.kt3a@juno.com>

Announcing a New Contest!
Sponsored by: QRP Society of Central Pennsylvania (Rev 1.0)

Tired of trying to work those rare grid squares? Having a tough time trying to get a new state because that last state has only 15,000 people and only 2 are hams? Are you a 6-land ham and think no one needs another CA station?

Here is a contest where the multipliers are where the people are!!

The First Annual QRP TACTical Contest!!

This contest is based on the TAC principle. The thought came to me that there has to be a better multiplier other than state or ARRL section. I found one that already exists and changes with the population. It's the Telephone Area Code (TAC)! Yes, you who are in CA, how many area codes are there? Why even here in PA we have at least 5 of them. There are only 2 ARRL sections in this state. Also, this contest marries the acronym TAC with the word tactical, which in Ham's language means "Field" or "Portable". This will be a warm up for Field Day, the most tactical event of the year. Oh yes, since this is a warm up, it will be a sprint type of contest in duration. We want this to be the first contest for many hams, and that is why there is a Newbie category!

Here is the deal, this contest will be scheduled for June 6th, 1998. All stations participating must be QRP. QRO stations are okay to work. Since this is tactical, Morse will be the language of the day.

HF and VHF bands may be used. No WARC, I'm a gentleman.
No repeaters, multiple transmitters one at a time are okay, single
op entries only. Newbies may have an Elmer or control op (if license
class requires it) with them.

The Exchange will be Call, RST, Name, and TAC or Country.
(Did you know Canada and several Caribbean islands have TACs?)
If you are outside the US Canada or Caribbean, then you may use the
country you are in.

If portable, then you use the area code of the nearest pay phone.
Now no jokes like using 800 or 900, they will not count.
Maps of the TAC are available everywhere, use your phone book,
address book, etc.
Oh, since the contest is sponsored by the QRP Society of Central PA and
we are
inviting our EPA QRP club to be co-sponsor. They can't resist!
TAC from PA are worth more points. (You knew that there to be something
in it
for us didn't you?)
There will be 5 categories. They are QRP(1 to 5 watts), QRPp(less than
1 watt), Tactical(Portable), Home-brew(You've built it),and Newbie(It's
your
first contest ever). You may enter up to 4 of these. One winner will be
in each
category. Put it on your calendar now.

Cameron Bailey, KT3A
QRP Society of Central Pennsylvania

=====

QRP TAContest Rules

DATE/TIME: Saturday, June 6, 1998 1800 to 2359Z
MODE: CW only
EXCHANGE: Call, RST, Name, and TAC (Telephone Area Code) or
Country. Note - DX countries without an area
code may use their Country Prefix. Pennsylvania
stations will send an "X" after the prefix.
Most TACs may be found in your telephone directory.
Example - KT3A DE EA8YU UR 559 GORAN EA8 BK
EA8YU DE KT3A QSL UR 559 CAM 717X BK
CATEGORIES: A total of 5 categories are available, and you may
enter in up to 4 of them. They are:
QRP, 5 watts output or less.
QRPp, Less than 1 watt output.
Tactical, a portable, temporary station using
temporary antennas.

Homebrew, if you built it as a kit or from scratch.
Newbie, if this is the first contest you have ever
entered yourself.

QSO POINTS: 5 points for every QSO. 10 Points for each QSO with
a Pennsylvania station.

The same station may be worked on different bands for
additional QSO points and multipliers.

FREQUENCIES: HF and VHF bands, excluding 30, 18, and 12 meters.
No WARC bands.

Suggest that you stay *around* the standard QRP
frequencies.

If using VHF bands, stay around standard calling
frequencies. No repeater operation permitted.

MULTIPLIER: TAC and Country prefixes.

SCORE: Total score = QSO points x TACs and Countries +
1000 points

for every category that you entered.

POWER: 5 watts or less output.

AWARDS: To be determined. Certificates for each winner in
each category at least.
Contest Chair may participate, but not eligible
for awards.

Submit your log showing:

Band, TimeUTC, Station, RST rec'd, Name, and TAC or Country prefixes.

DEADLINE FOR SUBMISSION IS 15 JULY 98.

WINNERS ANNOUNCED BEFORE 31 JULY 98.

For sample log, and TAC/CC sheet, send SASE and one unit postage to:

Cameron Bailey, TAContest
POB 173
Mount Wolf, PA 17347-0173

=====
ENTRY FORM - DUE BY 15 JULY 1998. PLEASE ATTACH LOG SHEET.

CALL _____ NAME _____

LOCATION _____

MAILING ADDRESS _____

TELEPHONE AREA CODE OR COUNTRY PREFIX_____

CATEGORIES ENTERED (NO MORE THAN 4 MAY BE CHECKED)

QRP ☐

QRPp ☐

TACTICAL ☐

HOMEBREW ☐

NEWBIE ☐

TOTAL QSOS (EXCEPT PA TACs) X 5 POINTS = _____

TOTAL QSOS WITH PA TACs X 10 = _____

TOTAL QSO POINTS = _____

TOTAL OF TACS AND Country prefixes = _____

MULTIPLY TOTAL QSO POINTS BY TOTAL OF TACS AND Prefixes = _____

ADD 1000 POINTS FOR EVERY CATEGORY ENTERED TO ABOVE SCORE
TO OBTAIN TOTAL CONTEST SCORE

= _____

MAIL TO:

CAMERON BAILEY, TAContest
POB 173
MOUNT WOLF, PA 17347-0173

OR EMAIL TO: kt3a@juno.com (Text files only, no attachments!)

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 05 Mar 1998 20:39:09 -0500
From: Hank Kohl K8DD <k8dd@contesting.com>
To: qrp-1@Lehigh.EDU
Subject: [5352] The Blank Subject.....
Message-ID: <3.0.1.32.19980305203909.0075e3e4@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The Blank Subject should be

Dayton Hamvention Room Status (not the weather status!)

*/ Hank Kohl K8DD k8dd@contesting.com
*/ ARRL TS (k8dd@tir.com)
*/ G-QRP ARRL/LM QCWA/LM QCAO/LM
*/ QRP-ARCI - Director MI-QRP - Vice Pres.
*/ <http://www.QRPARCI.org>
*/ <http://www.geocities.com/capecanaveral/2844/miqrp.htm>

Date: Thu, 5 Mar 1998 20:51:58 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: LYN WILLIAMS <designserv@ipass.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [5353] Re: QRP Rig Idea
Message-ID: <Pine.GS0.3.96.980305205048.22152A-100000@moe>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 5 Mar 1998, LYN WILLIAMS wrote:

> L. B. Cebik wrote:

>

> > However, do not think that fiber optics are lossless or distortion-free.

> >

> > Of course, you can

> > always key the floodlight and send CW via total power on-off. No need for

> > fiber optics then.

>

> How much power can be sent by fiber optics?

Actually, very little power per se. Essentially, fiber optics is a low power signal transmission medium, with amplification as needed at the destination--and at weight stations along the way for relays.

-73-

LB, W4RNL

Date: Thu, 5 Mar 1998 20:31:41 -0700 (MST)
From: flydnq7x@primenet.com (Floyd Smithberg)
To: qrp-l@Lehigh.EDU
Subject: [5354] ScQRPion March Meeting
Message-ID: <199803060331.UAA20018@smtp01.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The regular assembly of all AZ ScQRPions will take place at our usual lair at 1933 W.Dunlap, PHX...also known as Lubys, and incidentally, next to HRO. We will convene at 1730 UTC and will continue until exhausted.

All Hams and family members are welcome...bring show & tell...be prepared to have FUN!

72/73 Floyd NQ7X Phoenix ScQRPion DM33uq QRP-L 343
ARRL AMSAT ARCI G-QRP NORCAL DX WRKD HF=324 SAT=101 QRP=117

Date: Thu, 05 Mar 1998 20:38:40 -0700
From: Brian Chesire <BCChesire@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [5355] Re: QRP Rig Idea
Message-ID: <34FF6FC0.7C74@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

How much power can an optical fiber handle. I don't know but at work we have a CW green laser that uses a 50 watt diode IR laser thru a little bitty fiber to a frequency doubler. I think it's a 125 micron single mode fiber. Granted it's only a couple of feet long, but it's well above the milliwatt level.

Brian WA5PPO
Tucson, AZ

Date: Thu, 5 Mar 1998 21:47:47 -0600
From: launerb@crl.com (William H. Launer)
To: qrp-l@Lehigh.EDU
Subject: [5356] Re: OHR 100A Complete
Message-ID: <v01530500b1251ed20e01@[192.0.2.1]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

qrp-l gang,

The OHR100A has withstood its first qso! I answered K8BVJ's cq (he's near Detroit), and we talked for 32 minutes. He gave me a 589, and said it had a very nice cw tone. It looks like it's going to be a fun rig. He was running 200 watts from a Drake TR3B, but also works qrp.

72/73, Bill wb0cld

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-l #279 qrp arco #3551
Grid Square EM48RT

Date: Thu, 5 Mar 1998 22:05:29 -0600 (CST)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-l@Lehigh.EDU, k1lgq@dennis.mv.com, bcrow@carte.net, k1pig@aol.com
Subject: [5357] 40 meter Loop Continued!!!
Message-ID: <199803060405.WAA07926@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

High Everybodies:

I hit paydirt!!! The thing works!!!

I had many loud signals with my forty meter loop (142 ft. long) in a square configuration and fed at one of the corners... (was late and that's how it ended up).. The top was up about fifty feet... heard all kinds of stations but little and no loud DX...

So today, after some figuring, I took the loop down and changed the placement of the wire insulators (without the help of my broken 100ft. tape measure) so that I made the antenna vertically polarized... fed right in the middle of the vertical element on the right side... (my right, facing sw, me facing sw) :-)

I listened a bit around dark (eastern time) and heard nothing close by but could hear the 6's a lot better and guess who... South pole-s9 he was... (this was on twenty meters) So I thought I might see what 40 meters would do, after all the antenna is designed for forty... :-)

Got to listening in the forty meter extra cw portion and heard /BY China? then Sweden and a whole bunch of places I can't spell... :-) Now here is a working antenna!!! I went up the band in the general portion where I can hit the key and I had to put the twenty db pad in!!! (rig is the "new improved qrp+") I've never heard stations that loud except when I had my 66ft vertical back in Louisiana... (on the correct side of the Mason/Dixon line :-)

Remember me mentioning a /BY station on forty (7.01 or so)... he was s9+
Wow am I excited... I can see some dx and my 1km/w coming soon... :-) maybe..

Anyhow, when I changed the 40mtr loop from a delta to a square loop everything changed... (I started hearing many people - Loud -) Since I polarized it vertically I am hearing a lot of dx I never heard before... strange things antennas are...

Now, not being a dx chaser in the past... can anyone give me some suggested hours for working into Europe on forty? Or just some suggested hours for dxing... I think I have the antenna now, I know I have a good rig, my cw speed is about 20wpm... now I need to know how to hunt the little dx critters...

Ps thanks to all who sent me info as I worked on this project...
Don't know why my forty meter vertical dipole didn't work but I do know this antenna is working great... :-)

OH... Forgot to mention that I am feeding the loop with the "good" radio shack twinlead... I will get the other loop squared off and facing 90* from this one, if all goes well, tomorrow...

An't it nice when a project doesn't come out like you expected but WORKS JUST RIGHT INSTEAD!!!!!! :-)

God Bless

Joel in Maine in the sneaux

God Bless

Joel

WA5CVM

Joel Denison

PO BOX 542

Strong, Maine 04983

jdenison@morelr.com

Gentlemen don't Cry, They QSY :-)

Gentle Lady (RC Sail Plane)(049 engine - start)

40 mtr loop up 50ft

QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765

AK/QRP 109

Date: Thu, 5 Mar 1998 23:33:42 EST
From: RangerSF5 <RangerSF5@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [5358] FT 901 MOD ????
Message-ID: <39e4448.34ff7ca8@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I know a retired ham who works a lot of MARS but can't get on the night time net because the FT 901 DM will not transmit out of the ham bands.
Is there a mod for this??
If so please "E" mail me the info and i'll do the work for him. This guy loves working mars and you'll makeing him very happy if he can get on the night time net.
The band in question for mars work, is 20 meters
Thank you
Bob
WA2HOQ

Date: Thu, 5 Mar 1998 20:38:48 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: DENNIS MO <DENNISMO@aol.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [5359] Re: Learning to use paddles... (Long)
Message-ID: <Pine.SUN.3.90.980305203643.11944C-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 5 Mar 1998, DENNIS MO wrote:

> So what I did at first and still do is to pick up a
> copy of CQ or QST and as I read the articles I practice sending

Hi Denny,

Gee, if you used the QRP ARCI Quarterly or the NorCal QRPp, I'll bet you would progress even faster! :-)

Hey, if you don't believe me, just ask Doug!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 5 Mar 1998 23:46:08 -0500 (EST)
From: Bruce Muscolino <w6toy@pop.erols.com>
To: foxes@theriver.com
Cc: QRP-L@Lehigh.EDU
Subject: [5360] Re: New York Times Ham Radio Article
Message-ID: <2.2.16.19980306003806.23c7308a@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>
>I have done a little searching, and located the following data:
>
>John W Verity
>Phone : 718-622-5680
>140 8th Av 5r,
>Brooklyn NY 11215-1767
>
>This _may_ be the author of the article. I tried a quick search for an
>e-mail address, but came up short.
>
Guys, be real! Let's not fill some poor guy's mailbox at random -- send
your responses to the New York Times. They'll forward them to the author.

73

Date: Thu, 5 Mar 1998 23:45:58 -0500 (EST)
From: Bruce Muscolino <w6toy@pop.erols.com>
To: k6mgo@juno.com
Cc: k5gq@juno.com, QRP-L@Lehigh.EDU
Subject: [5361] Indoor Antennas
Message-ID: <2.2.16.19980306003757.23c71606@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Oh boy, stucco, gods own little ground screen! I sympathize with your problem. It's one I faced and fought, and sort of won. Maybe I can give you a few ideas.

Before you do anything else, go out and be sure that the stucco ends at the line between the garage walls and the garage roof. Also, do you have an attic, and where does the stucco end up there?

Back in the mid-70s I lived in an apartment in West Los Angeles and wanted to get on the HF bands again. It was a typical Southern California stucco box. Here's what I did. I built a helically wound dipole for 40 meters and hung it in front of the only major window in the place. It faced east-west. It sort of worked on 40 meters, but it really worked on 15 meters! This was about 1977-78. I hit on 15 from the idea that dipoles work well on odd harmonics -- I tried it and was able to get out quite well. I even used an Argonaut 509 from there.

For the lower bands I strung a piece of magnet wire under the fascia board that ran around the top of the building. It was only about 35 feet long but I was able to work up into the Pacific Northwest on 80 and 40 running 100 watts.

I used that experience back here when I set up a "vacation" station at my mother's condo in Maryland. I used an end fed magnet wire antenna for over 18 years there, QRP and QRO. Never had much trouble working what I could hear regardless of the power output. Hearing, I later found out was somewhat compromised in that situation. Those antennas ran from the window of my bedroom out to a nearby tree.

I wrote an article about those experiences that appeared in the July 1995 QST and is reprinted in the ARRL book "Best of New Ham Companion".

OK, it can be done. But it's not always easy. Here's some of the dirtier stuff.

When I was messing with helically wound antennas Hamsticks didn't exist. Who knows, maybe they weren't even a gleam in their designer's eye yet! What did exist a little bit later were the helically wound CB antennas, but we'll get to that later. At the time I had several things to work with -- an ARRL Handbook, PVC pipe, wire, and a girlfriend who laughed at the bits of bite that ended up on the floor when I pruned the antenna!

The Handbook says for a quarter wave helically wound element start by winding a half wavelength of wire on your form. I know, you're going to use hamsticks, but a hand built antenna will likely have fewer losses. There is lots said about how the windings are distributed along the form -- I never found it made much difference -- just wind the wire on! My 40 meter dipole

was about 20 fwwt long, end to end. I fed it through a matching transformer.

The principle problems with helically wound dipoles are their abominably low radiation resistance and their narrow bandwidth. The bandwidth problem you can fix with a tuner. The radiation resistance is pretty much untouchable. How you feed them is another issue -- I used coax and a stepdown autotransformer made on a T200-2 toroid. However, I also had good success later on with a form of gamma matching, and I've seen one article where link coupling was used.

Remember this -- wherever you mount the antenna, you want as much free space around it as you can work out. These antennas are easily infuendec by their environments. Keep it as far as you can from anything.

About 1980 I built a 20 meter helically wound dipole from two CB whips and a hand wound center section. This antenna was gamma matched by winding the "gamma rod" along the coil and tapping into the antenna at a point that I thought would represent the proper distance. I don't remember the calculations but they went something like "the book says it shoudl go out this many wavelengths (small part of a wavelength) and that is two times this distance for a helical antenna". I stuck a capacitor in series with the "gamma rod" and lo and behold, tuneable matching. No, I don't know how you'd do that with hamsticks!

So, my advice. First, if the stucco stops at the wall/roof interface, staple some wire to the rafters and either try to make a small loop or an end fed wire. Second, hang a hamstick pair in the cented of the roof area and give it a shot. If you have an attic that is not stucco shielded, move the antennas up there.

In 1996 I was part of the group that put on the QRP Technical Conference at Dayton. I wrote an article on my helical dipole experiences and a friend of mine, Walt Thomas, WA4KAC, wrote a paper on an attic loop he'd designed. Eithe antenna would be a viable silution.

Let me know how it comes out!

Date: Thu, 5 Mar 1998 21:49:29 -0700
From: gsurrency@juno.com (Gary L Surrency)
To: jdenison@morelr.com
Cc: qrp-l@Lehigh.EDU
Subject: [5362] Re: 40 meter Loop Continued!!!
Message-ID: <19980305.221450.11990.0.gsurrency@juno.com>

Antennas West mentions in their little ad handbook how you can mount this type of antenna using insulated pulleys at the corners. Then it is a relatively simple matter to shift the polarization from horz to vertical by merely pulling the wire around the pulleys until the feedpoint is where you want it to be.

72,

Gary Surrency AB7MY
S&S TAC-1(40&80m) ARK30 38S OHR100 w/KC-2 HW-9 TS-570D
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 05 Mar 1998 21:20:21 -0800
From: Monte Stark <ku7y@dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [5363] Headphones
Message-ID: <34FF8795.150BEADC@dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

OK All,

Wow, looks like I didn't give enough info!

The earphones I was mentioning are wireless. They have a little TX that gets audio from the earphone jack on the radio and sends it out via a little VHF FM rig.

The earphones have little RX in them.

Works through the whole house. Out into the little apartment that I'm

converting into a shack. Clear out by the tower. Some noise getting in at that point but still Q5.

I can listen to the fox while eating dinner and not bother Carol!

I found them in a catalog from Heartland America. Their order line is (800) 229-2901. Cost was 59.99 total, including shipping.

The earphones take a AAA battery in each side. The TX has a wall wart.

The brand is Arkon Resources Inc., model SRF 900.

They also had inferred units but you need to stay "in the beam" with them. But they are only about half the price!

Radio Shack had some on sale around Xmas time for about the same price but I didn't really like them.

Sonny has some very nice looking ones on their web page. But they are over \$150! But they sure look good..... full ear covering style, not these little flat round things!

Anyway, this lets me move around with the ear phones on and not get the cord tangled up!

I plug the TX unit into my audio mixing box and both radios come through just fine. Works just like having my other ones plugged in.

I am just reporting what I have found so far. Still too early to say whether they are really good or not!

Enjoy,

--

73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
QRP ARCI #8829----NorCal #330----QRP-L #17-----ARS #49
AR QRP #150-----DM09cg-----New Washoe City, NV

Date: Fri, 6 Mar 1998 00:38:19 EST
From: DYARNES <DYARNES@aol.com>
To: ku7y@dri.edu, qrp-l@Lehigh.EDU
Subject: [5364] Re: Headphones
Message-ID: <51c59b1c.34ff8bcd@aol.com>
Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I think I posted this before, but maybe a repeat is in order since Ron (KU7Y) seems to have stirred up some interest. Anyway, at most department stores (i.e. Wal-Mart, Target, etc.) you can usually find one of those small FM transmitter units intended for use in hooking up (electronically) a CD player to your system. These units usually cost about \$20 or less. You plug them into the headphone jack of your CD player and then you can pick up the music through a nearby FM receiver. I use one of these quite often with my transceivers and then I can walk around the shack (and, as Ron points out, sometimes even outside the shack) using a small FM receiver with headphones. Ron's set-up may be better, but this is a pretty cheap arrangement if you have a small FM receiver or possibly one of the headset radios. By the way, most of these little units do transmit in stereo.

72 de David W7AQK

Date: Thu, 5 Mar 1998 23:32:38 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-l@Lehigh.EDU
Cc: gqrp-l@blacksheep.org
Subject: [5365] FEB98 SOLAR SUMMARY
Message-ID: <Pine.SOL.3.91.980305232645.28037A@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

SOLAR ACTIVITY QUICK-LOOK *** Updated: 05 MAR 1998

=====

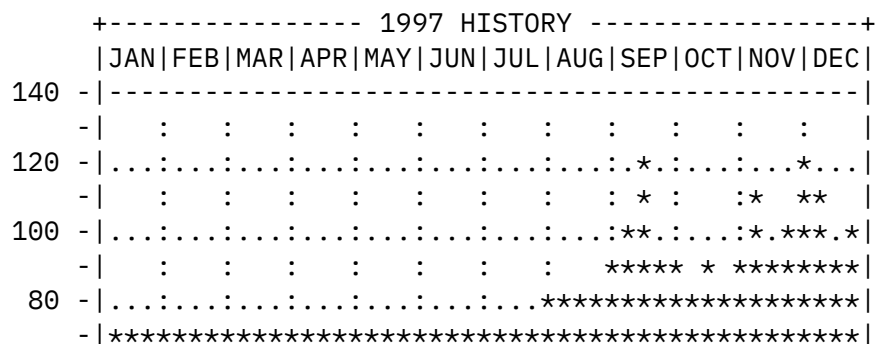
----- SOLAR ACTIVITY -----	----- GEOMAGNETIC FIELD ACTIVITY -----
10cm flux average: 97	A-Index: 8
3-5 day forecast: 90-94	3-5 day forecast: 8-12

SOLAR SUMMARY FOR MONTH OF FEBRUARY 1998

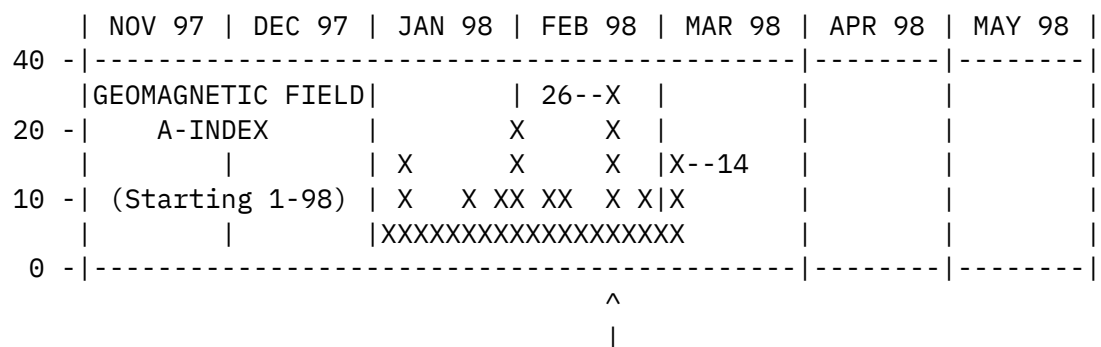
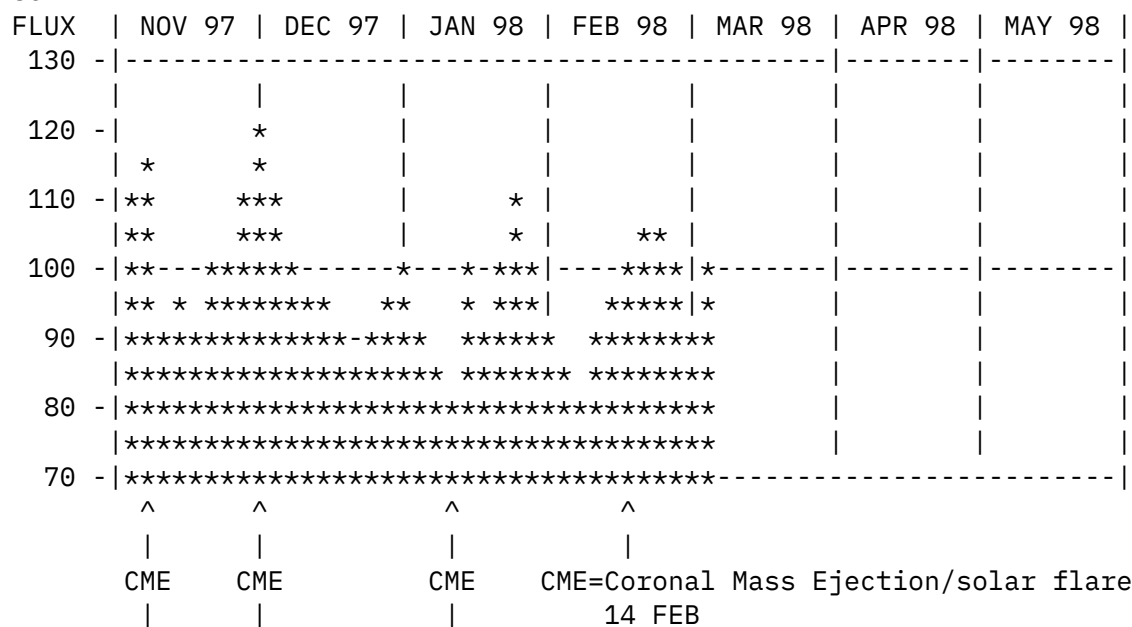
Most of February was basically boring with little significant solar activity, with the exception of a coronal mass ejection (CME) on 14FEB that produced a fairly respectable geomagnetic storm on 18FEB, raising the geomagnetic A index to 14 on the 18th and to 26 on the 19th. Another small CME on Feb. 21 caused active conditions on the 24th, raising the A-index to 11. The region of the sun causing these events has now rotated past the limb, to reappear in about 2 weeks time.

RIGHT NOW (Mar. 5) the sun is basically quiet, but has produced several small C-class flares over the past couple of days from a

region growing in complexity ... for which a *possible* M-class flare (fairly large) is being predicted over the next week. As a minimum, this minor flare activity will keep the geomagnetic indexes in the 6-12 range indicating active conditions (a bit noisy and bursty).



SOLAR



Geomagnetic Storm 18FEB
due to 14FEB CME

72, Paul Harden, NA5N

National Radio Astronomy Observatory
VLA/VLBA Radio Telescopes
Socorro, NM, USA, Earth

Date: Fri, 6 Mar 1998 12:15:20 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: wb8ygg@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [5366] Re: Learning to use paddles...
Message-ID: <199803061215.MAA24651@chuck.dallas.sgi.com>

Brad et.al.,

Small minor error in the Iambic Keying note. A good note it is.
Especially the parts about mode B. :-) (Humor for KU7Y!!)

And I quote:

>Iambic, True Iambic is not letting go of the paddles.
>That means that you always have either the dit or dah pressed.
>Never letting go. ALL the letters and numbers can be sent this way.

Uhhh. I'd like to know what happened to the letters P and X????
I have yet to figure out how to send them without letting go of
one of the paddles for a few milliseconds..... :-) ;-)

FYI

Chuck Adams K5FO Dallas,TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Fri, 06 Mar 1998 08:03:01 -0800
From: LYN WILLIAMS <designserv@ipass.net>
To: malman@world.std.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Cc: "a. oviatt" <bcliff@juno.com>, John Paul Keon <jpkeon@bellsouth.net>, Max
Bloodworth <ko4tv@juno.com>, Paul Stroud <aa4xx@amsat.org>
Subject: [5367] "Cheap" solar panels

Message-ID: <35001E35.EBE19119@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Guys,

A few days ago there was a short thread about cheap solar panels.

In case any of you are interested, this morning I took a quick look and found some cheap panels at:

<http://www.jademountain.com/usedpv.html>

They probably have limited quantities of the "used" and "off-spec" units, so remember that the early bird gets the worm.

Of course, the cheapest buy per watt is going to be the larger panels and the used panels. Remember, You need at least 14.5 volts at the voltage/current "knee" in order to charge lead-acid batteries. This does not mean you can connect these panels straight to batteries and then forget them. See my previous notes for details or send me a note if you need more info.

73,
Lyn, W4WDN

LYN WILLIAMS wrote:

> joel malman wrote:
>
> > Folks,
> > But the thing that interested me most was an item called "One Sunny Foot".
> > It's a 1 square foot solar panel. Puts out 12v at 166ma. I seem to remember
> > a bit of chat on this list about 6 months ago re: "The Sunny Foot", and
> > how someone was using it to recharge gell cells and/or lead acid batteries.
>
> Joel,
> Notice that the ad says "Up to 12v" at 166ma.
>
> You can not charge a "12v" lead-acid storage battery with 12v. A "12v"
> lead-acid storage battery which was fully discharged yesterday and has been
> sitting disconnected on the bench for the last 24 hours should still measure
> 11.6 to 11.7 volts. You would only have a driving force of .3 to .4 volts.
>
> If the same battery were fully charged yesterday and left disconnected for the
> last 24 hours, it should now read only 12.7 volts. Connecting your 12 volt
> panel across this would certainly not charge it! Proper charging of a 12v

> lead-acid storage battery requires a multi-step process in which the charging
> voltage may need to vary from 11.6 volts to 14.22 volts.
>
> Most photovoltaic panels these days are silicon based and the voltage from
> each cell is approximately 0.5 volts under full sunlight. I recommend that you
> have 36 silicon cells wired in series to produce 18 volts. This will leave a
> few volts to spare for voltage drop across regulators, wires, etc, although
> you can "make do" with as few as 29 cells, which would produce 14.5 volts.
>
> You could use two of these panels in series, but that would waste a lot of
> energy as heat in dropping resistors or regulators in order to keep from
> burning up the batteries. So the panels just don't have the right number
> of cells in series for 12v lead acid batteries.
>
> Also, at \$20.00 for 1.99 watts (more than \$10.00 per watt), these panels are
> fairly high priced if you need a substantial amount of solar energy. You should
>
> be able to get a more convenient number of cells at a better price if you look
> around some.
>
> Hope this helps.
>
> Lyn, W4WDN

Date: Fri, 06 Mar 1998 07:57:50 -0600
From: "Jeff M. Gold" <JGold@tntech.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [5368] LDG AT-11 Upgrade
Message-ID: <000401bd4907\$d9ee1720\$4d0b9595@mm-man.cc.tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Just FYI:

I recently received a notice from LDG that upgrade(s) to my AT-11 were available for \$13 including postage. I immediately sent off my check and a few days later received a new processor, oscillator and another bag of parts. I have one of the earliest kits.. so my board needed some updates. Luckily it wasn't the oldest board and I had already done the most fragile modifications to the bottom side of the board.. involving putting some caps, diode and resistor across various pins of the processor.. believe it was to

correct some minor RF problem.

The upgrade I had to do involved removing the crystal and two associated caps and one resistor from the board (the hardest part, even using super good solder-wick.. board is great quality, hard to unsolder.. took great care, finally got all old pieces out. Next you put some double stick tape on the board to mount an oscillator upside down and then connect 3 of its four wires.. the instructions were excellent, really easy to do.. just need to be careful. I kinda had a mild hard attack after I got done and turned power on and nothing happened. the instructions clearly say make sure nothing is shorted out.. sure enough one of the wires going from the oscillator was touching the oscillator case.. be careful.. pushed it up.. and everything works fine.

BOTTOM LINE: the upgrade was well worth it.. the tuner tunes much quicker and more importantly, tunes to a much less SWR.. didn't have to retune the circuit either, checked it on all bands with my Gap vertical.. VERY HAPPY with results.. like the support LDG provides and love their product.

72

Jeff, AC4HF

=====

Jeff M. Gold, Ed.S.

Manager, Academic Computing Support

Tennessee Technological University

Date: Fri, 6 Mar 1998 07:03:45 -0700 (MST)

From: Bob Hightower <ki7mn@dancris.com>

To: qrp-l@Lehigh.EDU

Subject: [5369] MFJ M0ds Page

Message-ID: <199803061403.HAA20050@user2.dancris.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Bob Lech, WA2HOQ, has suggested that there is a need for a place that has MFJ mods. So, I have added a page to my home page. You can get to it from the main page, or direct to <<http://www.dancris.com/~ki7mn/mfjmods.htm>>.

It's a bit slim right now, but there are a couple of notes from Paul Harden NA5N there. I will post other mods as they become available.

If you want to send me any mods, please be sure that they are either yours, or are correctly attributed to the author/developer. If you send someone else's mod, please also include their e-mail address or some address that I

can use to contact them to get permission to post.

73,

Bob KI7MN (ki7mn@dancris.com) Chandler, AZ
NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL
<http://www.dancris.com/~ki7mn>

Date: Fri, 6 Mar 1998 08:07:10 -0600
From: "Mark A. Andrews" <KE4IOF@HiWAAY.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [5370] TechAmerica 20Mhz Protek Scope
Message-ID: <01bd4909\$2e782140\$LocalHost@ke4iof.hiwaay.net>
MIME-Version: 1.0
Content-Type: multipart/mixed;
boundary="-----_NextPart_000_0027_01BD48D6.E3DDB140"

This is a multi-part message in MIME format.

-----=_NextPart_000_0027_01BD48D6.E3DDB140
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

TechAmerica has a 20Mhz Dual Trace Protek O'scope on sale for \$249.00 in its recent flyer. Does anyone more knowledgeable than me (almost everyone on this list) think this would be a worthwhile investment, especially considering the upcoming Elmer101 course?

Mark

Mark A. Andrews, KE4IOF - Amateur Radio Operator
and Libertarian
"Whether You Think You Can Or You Can't,
You're Right!"

-----=_NextPart_000_0027_01BD48D6.E3DDB140
Content-Type: text/x-vcard;
name="Mark A. Andrews.vcf"
Content-Transfer-Encoding: quoted-printable
Content-Disposition: attachment;
filename="Mark A. Andrews.vcf"

BEGIN:VCARD
N:Andrews;Mark;A.
FN:Mark A. Andrews
ORG:Symetric Incorporated
TITLE:President
TEL;WORK;VOICE:(205) 766-2742
TEL;HOME;VOICE:(205) 760-9582
TEL;CELL;VOICE:(205) 710-2158
TEL;WORK;FAX:(205) 760-8725
TEL;HOME;FAX:(205) 760-8725
ADR;WORK;;;661 Rivermont Rd;Florence;AL;35634;USA
LABEL;WORK;ENCODING=3DQUOTED-PRINTABLE:661 Rivermont =
Rd=3D0D=3D0AFlorence, AL 35634=3D0D=3D0AUSA
ADR;HOME;;;661 Rivermont RD;Florence;AL;35634;USA
LABEL;HOME;ENCODING=3DQUOTED-PRINTABLE:661 Rivermont =
RD=3D0D=3D0AFlorence, AL 35634=3D0D=3D0AUSA
URL:http://fly.hiwaay.net/~ke4iof
EMAIL;PREF;INTERNET:KE4IOF@HiWAAY.net
END:VCARD

-----=_NextPart_000_0027_01BD48D6.E3DDB140--

Date: Fri, 06 Mar 98 08:15:18 PST
From: Ken Graham <k5id@ipa.net>
To: qrp-l@Lehigh.EDU
Subject: [5371] Alinco Reflector
Message-ID: <MAPI.Id.0016.00356964202020203030303430303034@MAPI.to.RFC822>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII; X-MAPIextension=".TXT"
Content-Transfer-Encoding: 7bit

Hi Qrp'ers,

So many postings in the last week or so regarding the DX-70 (it DOES do qrp....) I'm wondering if there is an Alinco or DX-70 reflector??

Regards, Ken K5ID

Date: Fri, 6 Mar 1998 14:25:37 -0000

From: "Mike Rioux" <mrioux@iname.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [5372] FS: Index Labs QRP+ and Companion
Message-ID: <01bd490b\$bb77cb20\$0a32a8c0@SEABAT.RIOUX-HOME>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

For sale:
Mint QRP+ #584 NO Mods at all, not even the
updated EPROM, case
has no dings or scratches. Original box, manual.

QRP+ Companion, antenna tuner, noise bridge, and
battery with wall wart
charger. Companion has a scratch on the left side
of its cabinet that I
dabbed over with black paint. Looks good. Front
panel and rest of
Companion's case is fine. Added power switch on
back of Companion,
glued to back of case.

Will only sell as a pair. \$600

p.s. I have a number of parts to upgrade the QRP+
from the QRP Quarterly
articles by Larry, W1HUE, and others. Just have
not gotten around to doing
them. I also have the backlighted display and led
panel for installation into the
rig. I can make these mods, or send the parts to
whoever buys the pair.
Thanks es 73, Mike

Mike Rioux, W1USN
work: mrioux@comversens.com
home: W1USN@rioux.org
RNARS #3889, QRP-L #79, NORCAL #777, QRP ARCI #6973
V26NR, V31RN, 8P9CI, P4/NW1J, DL/WA1TPE, G0/NW1J

Date: Fri, 06 Mar 1998 08:34:54 -0600

From: Mike - W0TMW <crucis@sky.net>
To: QRP-L Mail List <qrp-l@Lehigh.EDU>
Subject: [5373] Substitute Test Equipment
Message-ID: <3500098E.EB6AF1A9@sky.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just bought an OHR Classic 4020 kit with a DD-1 digital display. On reading the instructions, I discovered that I also need a 25MHz scope and freq counter.

Since the DD-1 can also be used as a direct freq display, can I use it to align the 4020 in place of the 25MHz counter? I don't have a scope either. Is there an alternate method one of you has used to align the 4020?

Mike - W0TMW

--

=====

Mike Watson, W0TMW	ARS# 352	QCWA Mbr# 28651,	Mid-Continent Chapter #35
Raymore, Missouri, USA		Grid: EM28st	
http://www.sky.net/~crucis		E-mail: crucis@sky.net	

=====

Date: Fri, 06 Mar 1998 07:42:37 -0700
From: Andy Fox <foxes@theriver.com>
To: tbowman@nbn.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [5374] Re: NY Times Ham Radio Article
Message-ID: <35000B5D.76AEFF72@theriver.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello,

A number of people on the list have made the point that the article was well written and mostly accurate. I agree.

I am the person who did a quick search, and provided a name, address and phone number of a person who _may_ have been the author.

In retrospect, I should not have posted the information. "Can anybody take it from here?" was a particularly poor choice of words to close with.

I did not intend that the members of the group gang up and harass the author via letter, phone or any other means.

The Internet is a wonderful tool, and very powerful. I think I succumbed to the lure of its "dark side" for a moment, by replying to a post without thinking about the possible consequences.

Sorry.

--

Andy Fox, KK7HV
mailto:foxes@theriver.com
<http://personal.riverusers.com/~foxes/>

Date: Fri, 6 Mar 1998 09:41:11 -0500 (EST)
From: "Curtis D. Levin" <cdlevin@dialisdn.com>
To: Chuck Adams <adams@chuck.dallas.sgi.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [5375] Re: Learning to use paddles...
Message-ID: <Pine.LNX.3.95.980306093714.226U-1000000@danial.dialisdn.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 6 Mar 1998, Chuck Adams wrote:

```
> >Iambic, True Iambic is not letting go of the paddles.  
> >That means that you always have either the dit or dah pressed.  
                        ^^^^^^^
```

```
>
> Uhhh.  I'd like to know what happened to the letters P and X????
> I have yet to figure out how to send them without letting go of
> one of the paddles for a few milliseconds..... :-)  ;-)
```

The key word there is either. Of course, some spacing is always appreciated, especially by us tech plus types.

Tech plus. The only license class that has privs on HF set below that of their license. YEAh, we have novice privileges. Makes you wonder if it ain't an hint to upgrade.

Curtis D. Levin	Team 0s/2	cdlevin@dialisdn.com
kd4zkw.ampr.org [44.98.2.22]	kd4zkw@amsat.org	
Member of HTML Writers Guild	* * Linux 2.0.33 * *	
Webpage <http://dialisdn.net/user/cdlevin/>		
~~~~~

-----  
Date: Fri, 06 Mar 1998 09:49:38 -0500  
From: "David, n2zhy" <n2zhy@amsat.org>  
To: qrp-l@Lehigh.EDU  
Subject: [5376] Re: 40 meter Loop Continued!!!  
Message-ID: <35000D02.6DA9@amsat.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I tried the Antennas West trick and it worked!

Suspended a vertical quad loop on pulleys. Feed point is on one of the vertical sides. Attached to the feed point is a counter balance(down haul) and a line that travels through a second pulley, near the upper support on that same side(up haul), and back to the shack window.

Now by reaching out the window and tugging/releasing on the uphaul, the feed point travels up and down the vertical side of the quad. With the feed point down it starts out with diagonal polarization, works through vertical and ends at diagonal again with the feed point all the way up.

Works great! Allows me to tune some stations/interference in or out.

72

David,n2zhy

Gary L Surrency wrote:

>

> Antennas West mentions in their little ad handbook how you can mount this  
> type of antenna using insulated pulleys at the corners. Then it is a  
> relatively simple matter to shift the polarization from horz to vertical  
> by merely pulling the wire around the pulleys until the feedpoint is  
> where you want it to be.

>

> 72,

>

> Gary Surrency AB7MY

> S&S TAC-1(40&80m) ARK30 38S OHR100 w/KC-2 HW-9 TS-570D

> QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

>  
>  
> -----  
> You don't need to buy Internet access to use free Internet e-mail.  
> Get completely free e-mail from Juno at <http://www.juno.com>  
> Or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Fri, 6 Mar 1998 08:00:35 -0700  
From: Kent Torell <torell@sicom.com>  
To: qrp-1@Lehigh.EDU  
Subject: [5377] HELP: OHR Explorer  
Message-ID: <v04003a00b125bf0f797e@[192.91.202.41]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I have a borrowed 40 meter Explorer that seems (to me) to be a little deaf. Minimum signal level I can detect in the lab is -120 dBm, and I don't hear much antenna noise. I don't have (or can't find) the documentation.... so I'm poking around inside it. Can anyone point out some of the relevant points for me? I've got it in the lab today (friday).

Kent Torell    torell@sicom.com    602-607-4852  
SICOM    7585 E. Redfield, #202    Scottsdale, AZ    85260  
AB70A    scQRPion, qrp-1 57, ARCI 9075    DM33xn    33.55 N 112.078 W

-----  
Date: Fri, 06 Mar 1998 10:04:30 -0500  
From: "Buck, Preston D" <BuckPD@corning.com>  
To: "'designserv@ipass.net'" <designserv@ipass.net>  
Cc: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [5378] Re: QRP Rig Idea  
Message-ID: <6B137F61081DD0118DF600805FEAC5C5FF1F9F@SILVER.CORNING.COM>  
Content-Return: allowed  
Mime-Version: 1.0  
Content-Type: text/plain

Hi Lyn,

I usually tell my customers to keep the power at about 5 dBm or below. That usually avoids any non-linear effects in the fiber so you get good

performance. You can increase power up to about 10w or so before you start to damage the fiber but your performance will degrade long before then.

Regarding losses the L.B. Cebik wrote about.

For singlemode at 1310nm the loss or attenuation for a typical fiber is about 0.4dB/km. For multimode at 850 nm the attenuation for a typical fiber is about 3.0dB/km. These wavelengths are two of the four wavelengths used throughout the tele/data communications industry. The other wavelengths are 1300. for multimode and 1550nm for singlemode.

Things that can change the attenuation are bending and temperature. Bending a singlemode fiber once around a 32mm diameter mandrel will cause an increase in attenuation of up to 0.5dB at 1550nm. But if the diameter is bigger, like 75mm, a hundred turns could increase the attenuation up to 0.10dB at 1550nm. For multimode fiber, that 100 turns around a 75mm diameter mandrel could cause an attenuation increase of up to 0.5dB. Bending the fiber in too small a loop could also impact the lifetime of the fiber. The design guide I usually suggest is to keep bends greater than 63mm (2.5 in) in diameter, if you want a 40 year lifetime.

Operating temp ranges from -60 to +85 degree C. For multimode the attenuation induced by temperature (usually cold) could be as high as 0.20dB. For singlemode it could be up to 0.05dB. But in temperate environments the attenuation increase would be unnoticed.

These comments are based upon the fiber that my company produces and sells to the telecommunications and data communications industry. There are other types of fibers with different uses and behaviors that I don't know about.

73

Preston, n0g1m

LYN WILLIAMS wrote:

> How much power can be sent by fiber optics?

-----

Date: Fri, 6 Mar 1998 10:29:36 -0500  
From: n1wcc@juno.com (Arol b hill)  
To: qrp-1@Lehigh.EDU

Subject: [5379] Trade 6 meter ssb for 40 meter qrp kit  
Message-ID: <19980306.102937.3550.0.N1WCC@juno.com>

Hello all

I have a SBE sidebander six solid state 6 meter ssb mobile, ten watts output.. i'd like to trade for a unbilt 40 meter kit something like a norcal 40a..or a ark 4  
anyone interested let me know what you have..  
Thanks and 72's, 73's  
Aro1 n1wcc

QRP-L member #1471.  
ARS No. 346.

-

---

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Get completely free e-mail from Juno at <http://www.juno.com>  
Or call Juno at (800) 654-JUNO [654-5866]

---

Date: Fri, 06 Mar 1998 07:30:17 PST  
From: "Ray Lowe" <wd5dhk@hotmail.com>  
To: qrp-l@Lehigh.EDU  
Subject: [5380] Re: QRP Rig Idea  
Message-ID: <19980306153017.2414.qmail@hotmail.com>  
Content-Type: text/plain

It will be a news FLASH if you do use lasers to do the job of sending the signals. Sorry, just couldn't resist that one.

72/73

Ray Lowe  
WD5DHK  
Lancaster, Tx (near Dallas)  
<http://members.wbs.net/homepages/w/d/5/wd5dhk.html>

---

Get Your Private, Free Email at <http://www.hotmail.com>

---

Date: Fri, 6 Mar 1998 09:43:40 -0600  
From: "Rob Kopp" <rkopp@pioneerplanet.infi.net>

To: <qrp-1@Lehigh.EDU>  
Subject: [5381] NY times article  
Message-ID: <005801bd4916\$a5c37440\$95db96ce@robkopp>  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="-----\_NextPart\_000\_0055\_01BD48E4.583EDCA0"

This is a multi-part message in MIME format.

-----=\_NextPart\_000\_0055\_01BD48E4.583EDCA0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Has anyone read the NY times article on ham radio? It's at =  
<http://www.nytimes.com/library/tech/98/03/circuits/articles/05ham-radio.html>=  
tml=20

Rob KA0GZO

-----=\_NextPart\_000\_0055\_01BD48E4.583EDCA0  
Content-Type: text/html;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

<!DOCTYPE HTML PUBLIC "-//W3C//DTD W3 HTML//EN">  
<HTML>  
<HEAD>

<META content=3Dtext/html; charset=3Diso-8859-1 =  
http-equiv=3DContent-Type>  
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</HEAD>  
<BODY bgColor=3D#d8d0c8>  
<DIV><FONT color=3D#000000 size=3D2>Has anyone read the NY times article =  
on ham=20  
radio?&nbsp; It's at <A=20  
href=3D"http://www.nytimes.com/library/tech/98/03/circuits/articles/05ham=  
-radio.html">http://www.nytimes.com/library/tech/98/03/circuits/articles/=  
05ham-radio.html</A>=20  
</FONT></DIV>  
<DIV><FONT color=3D#000000 size=3D2></FONT>&nbsp;</DIV>  
<DIV><FONT color=3D#000000 size=3D2>Rob =  
KA0GZO</FONT></DIV></BODY></HTML>

-----=\_NextPart\_000\_0055\_01BD48E4.583EDCA0--

-----  
Date: Fri, 06 Mar 1998 10:46:23 -0500  
From: "Buck, Preston D" <BuckPD@corning.com>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [5382] FOX: N/T+ fox this Sunday - N0GLM  
Message-ID: <6B137F61081DD0118DF600805FEAC5C5FF1FA6@SILVER.CORNING.COM>  
Content-Return: allowed  
Mime-Version: 1.0  
Content-Type: text/plain

Greetings All,

The Foxmeister wants more N/T+ foxes for March so I am one. I will operate this Sunday night 8 Mar from 1900-2100 EST (9 Mar 0000-0200 UTC). Power is 5w to my G5RV at 20ft using the Yeasu 757GX. I will start around 7.14 MHz and shift as needed. If I must QSY I will try to announce it. Code speed is as fast as I can go without asking for a lot of repeats.

So come on down and help me get read for my VE exam at the end of March.

My next scheduled time will be Thursday 12 Mar from 1900-2100 (13 Mar 0000-0200).

73,  
Preston, n0glm, Southern NY State

My words, not my employer's

-----  
Date: Fri, 06 Mar 1998 15:53:48 +0000  
From: "Brian K. Short" <shortckt@primenet.com>  
To: k5id@ipa.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [5383] Re: Alinco Reflector  
Message-ID: <199803061551.IAA00440@smtp03.primenet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Ken, et. al.,

Yes, there is an Alinco mailing list reflector (alinco@qth.net) as well as over 250 others.

Please see: <http://www.qth.net>

If you would additionally like to start a DX-70 rerflector, I can set that up simply. Or, if anyone would like to start a mailing list about any (amateur) topic, I can set that up.

Also, if anyone would like free web space or a free vanity email address, see: <http://www.qsl.net>

Lastly, I have \*some\* Alinco mods on my personal web page in the "Mods" section: <http://www.qsl.net/k7on>

Pardon the short intrusion.

73, Brian

>So many postings in the last week or so regarding the DX-70 (it DOES  
>do qrp....) I'm wondering if there is an Alinco or DX-70 reflector??  
>  
>Regards, Ken K5ID

--

"I was firing it up into a dummy load and a guy from Lithuania who was using a crystal set and a grid-dip oscillator gave me a 20-over 599 report."

--

Brian Short k7on@qsl.net <http://www.qsl.net/k7on>  
1994 E Laguna Dr Tempe, Az 85282 (602)839-3484

--

-----  
Date: Fri, 06 Mar 1998 09:28:48 +0000  
From: Roger Hightower <n7kt@earthlink.net>  
To: cdlevin@dialisdn.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [5384] Re: Learning to use paddles...  
Message-ID: <34FFC1D0.D8B87304@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Curtis D. Levin wrote:

>

> The key word there is either. Of course, some spacing is always  
> appreciated, especially by us tech plus types.

>

Nope...won't work. If you don't release a paddle when trying to send "P" or "X" you'll get dit-dah-dit-dah.... or dah-dit-dah-dit.... depending on which one you closed first.

--

72/73, de Roger, N7KT

-----

Date: Fri, 6 Mar 1998 11:48:56 -0500  
From: "Bob Kellogg" <ae4ic@nr.infi.net>  
To: "qrpforum" <qrp-1@Lehigh.EDU>  
Subject: [5385] KnightSMiTe update  
Message-ID: <199803061657.LAA13384@mailhost.infi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Well, gang,

What a ride! We've shipped over 250 KnightSMiTes!

I thought I was going to get caught up on KnightSMiTe orders. I've averaged about two weeks to ship up until now, although I've been trying to get kits made up ahead of time. This week I was down to one unshipped order when I ran out of boards. So, parts are ordered for another batch. It will be about two weeks before shipping can resume.

Response the the KnightSMiTe has been tremendous. Apparantly there are a lot of us that are looking for a good excuse to try Surface Mount. The builders agree, it's not as hard as it appears.

If you haven't ordered yours yet, it's not too late. Price is \$10 per kit and \$3 per order for shipping. (i.e., three kits for \$33)

CUL,

Bob Kellogg, AE4IC, Greensboro, NC  
Prolably, but not nececelery. -- Benny Hill

-----

Date: Fri, 6 Mar 1998 11:55:16 -0500  
From: "Bob Kellogg" <ae4ic@nr.infi.net>  
To: "qrpforum" <qrp-1@Lehigh.EDU>  
Subject: [5386] KnightSMiTe mods



Message-ID: <199803061657.LAA00894@mailhost.infi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Gang,

The most requested mod for the KnightSMiTe is a band change to 40M. Of course, 30M would be an really good band, also.

We Knights have not supplied any information on such mods, mainly because we spent all of our time and energy developing and assembling the kits.

Surely, by now, someone has made some band changes. Let's hear about them!

CUL,  
Bob Kellogg, AE4IC, Greensboro, NC  
Prolably, but not nececelery. -- Benny Hill

-----  
Date: Fri, 6 Mar 1998 10:21:59 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: qrp-1@Lehigh.EDU, cqg@mtechnologies.com  
Subject: [5387] What's New at MT  
Message-ID: <199803061721.KAA29289@edison.chisp.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Product and Web Site News from  
Milestone Technologies

The Milestone Technologies web site has undergone another facelift, chiefly involving modification of the home page (cleaned up and main stuff relocated to 4 "sub-home" pages for Software, Kits, Info, and Keys).

We also have a secure server now, so we can all be a little more comfortable about credit card transactions.

New Products include:

The LDG QRP and QRP Automatic Antenna Tuner kits  
and their NEW Balun Kit (in stock now and presented on the web site  
at <http://www.mtechnologies.com/ldg.htm>)

The Nye-Viking line of keys and paddles. There's a page for them if you want to check back but won't be anything on it until stock arrives-- expected any day. <http://www.mtechnologies.com/nye.htm>

We've located some more inexpensive tools, which we'll announce shortly.

73

Marshall Emm  
N1FN/VK5FN  
n1fn@mtechnologies.com  
Milestone Technologies  
Software, kits, tools...  
<http://www.mtechnologies.com>  
(303)752-3382

--

-----  
Date: Fri, 6 Mar 1998 17:33:39 GMT  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
To: qrp-1@Lehigh.EDU  
Subject: [5388] Re: Paddles and Learning  
Message-ID: <199803061733.RAA26593@chuck.dallas.sgi.com>

As pointed out in a later post by Curtis the fact that I am just now learning to read and just haven't gotten it all down correctly, but I am working on it. :-) ;-)

In learning the Mode B Iambic Keying the key (no pun intended) to the whole point of using the mode is that all the letters and numbers except P and X can be sent with only one or two movements of the thumb and first finger. This was my thought when I read Brad's posting and his comment about always having a paddle depressed.

What makes this hobby so much fun is the menu option for a lot of stuff. You can pick Mode A or you can pick Mode B and there is no cookbook that says this is the right or wrong choice. It's users choice. Just have fun and learn it all.

My problem is, and this is what Ron KU7Y keeps picking on me for, that I have been using Mode B so long that I can't do Mode A. :-) Maybe on a good day but those are rare.....

Enjoy.

What would be interesting at Tuthill or Pacificon (too close to Dayton to set this up) is to have a sending contest, not a receiving contest. Mode A vs. Mode B and several different paddles available and a couple of sentences that everybody gets to send. Who can send the text the fastest without error. But there are so many things going on anyway that we really don't need another event. Just being there is enough of an sensory overload as it is. :-)

FYI

Chuck Adams K5FO Dallas,TX CP-60  
<http://reality.sgi.com/adams> [adams@sgi.com](mailto:adams@sgi.com)

-----  
Date: Fri, 6 Mar 1998 13:13:32 -0500 (EST)  
From: "Curtis D. Levin" <[cdlevin@dialisdn.com](mailto:cdlevin@dialisdn.com)>  
To: Roger Hightower <[n7kt@earthlink.net](mailto:n7kt@earthlink.net)>  
Cc: Low Power Amateur Radio Discussion <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [5389] Re: Learning to use paddles...  
Message-ID: <[Pine.LNX.3.95.980306130617.9834A-1000000@danial.dialisdn.com](mailto:Pine.LNX.3.95.980306130617.9834A-1000000@danial.dialisdn.com)>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 6 Mar 1998, Roger Hightower wrote:

> Nope...won't work. If you don't release a paddle when trying to send  
> "P" or "X" you'll get dit-dah-dit-dah.... or dah-dit-dah-dit....  
> depending on which one you closed first.

Right, but the guy said either, not both. Which means one or the other. But it's nice to have some spacing, so for the most part, the paddles are released between chars. I think the throwback is to the days of bugs, where the paddle was never released. My understanding is that the operator simply vibrated the bug until a rhythm was achieved, generating the dot chars in accordance with the speed he was sending at. Someone with more experience with bugs can clarify this.

BTW, 10 meter cw contact today, with c8adx, on 28.150. Power was 8 watts out of an rci-2950. Noise was high. I've been sending periodic cq on 28.110 at 1 watt. Noone has answered yet, but it is noisy as all get out. 73, gd dx.

```
-----  
| Curtis D. Levin | Team 0s/2 | cdlevin@dialisdn.com |  
| kd4zkw.ampr.org [44.98.2.22] | kd4zkw@amsat.org |  
| *Member of HTML Writers Guild* | * * Linux 2.0.33 * * |  
| Webpage http://dialisdn.net/user/cdlevin/ |  
-----
```

-----  
Date: Fri, 06 Mar 1998 11:40:08 -0700  
From: Andy Fox <foxes@theriver.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [5390] Apology  
Message-ID: <35004308.5A28E9C4@theriver.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello,

A number of people on the list have made the point that the NY Times article was well written and mostly accurate. I agree.

I am the person who did a quick search, and provided a name, address and phone number of a person who \_may\_ have been the author.

In retrospect, I should not have posted the information. "Can anybody take it from here?" was a particularly poor choice of words to close with.

I did \_not\_ intend that the members of the group gang up and harass the author via letter, phone or any other means.

The Internet is a wonderful tool, and very powerful. I think I succumbed to the lure of its "dark side" for a moment, by replying to a post without thinking about the possible consequences.

Sorry.

--

-----  
Andy Fox, KK7HV  
mailto:foxes@theriver.com  
<http://personal.riverusers.com/~foxes/>



> to the days of bugs, where the paddle was never released. My  
> understanding is that the operator simply vibrated the bug until  
> a rhythm was achieved, generating the dot chars in accordance with  
> the speed he was sending at. Someone with more experience with bugs  
> can clarify this.

Pressing the paddle over to the dot side initiates a vibration in the spring, storing a certain amount of kinetic energy in a moving mass mounted on it.

The spring vibrates at a frequency determined by the location and size of the weights on the spring. The spring continues to vibrate, making dits, until either the paddle is released or the energy in the vibrating spring and moving mass is eventually dissipated. Of course, the operator learns to hold the paddle over to the dit side until the correct number of dits has been generated.

73,  
Lyn, W4WDN

>

-----  
Date: Fri, 6 Mar 1998 11:22:25 -0800  
From: chunt@macromedia.com (Christian Hunt)  
To: qrp-1@Lehigh.EDU  
Subject: [5393] Thanks in re: Learning Paddles / WTB  
Message-ID: <v02140b0eb125fcc82758@[192.168.22.76]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Thanks to all for information on learning to use paddles. Everyone pretty much said the same thing, just get some paddles and PRACTICE. Now, all I need is a set and a keyer... so...

Anyone have some paddles and a keyer they want to unload? :)

72 de KF6IHU - Christian

-----  
Date: Fri, 6 Mar 1998 13:15:43 -0600  
From: "Kelly Ellison" <kelman@dialnet.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [5394] Alinco DX-70 QRP longish  
Message-ID: <199803061913.NAA02786@shell.dialnet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hello All,

With all of this talk about the DX-70 on QRP, I bought one to go with my IC-706. I was going to switch the internal switch in side and make it a 50W and 5 W rig. But, I ran across this message from the Alinco reflector Archives [www.qth.net](http://www.qth.net) and found this message posted by a Alinco tech?

Hope it is ok to post here

This is the message:

Date: Sun, 06 Jul 1997 12:06:38 -0700  
From: Scott Booth <sb@alinco.com>  
Subject: [Alinco] RE: DX70T(H)

Please forgive me for re-posting both your messages.  
The DX-70T(H) has some limitations as far as power output goes. These are the official specs. (all readings are approx.)

DX-70T

High Power: 100 watts on HF and 10 watts on 6 meters  
Low Power: 10 watts on HF and 1 ~ 4 watts on 6 meters

DX-70TH

High Power: 100 watts on both HF and 6 meters  
Low Power: 10watts on HF and 6 meters

Now, if you do flip the internal switch this is what you will get:

DX-70T

High Power: 50 watts on HF and 5 ~ 7 watts on 6 meters  
Low Power: 10 watts on HF and 1 ~ 4 watts on 6 meters

DX-70TH

High Power: 50 watts on both HF and 6 meters  
Low Power: 10 watts on both HF and 6 meters

The point to all this is that the DX-70T(H) is not a QRP radio. The lowest it is "supposed" to go out of the box is 10 watts. Due to the devices that are used in the PA section of this radio, it would not be the best idea to "tweak" the radio to get the radio to put out less than 10 watts. IT IS VERY EASY TO MISS ALIGN THIS RADIO and a realignment at the factory will cost a minimum \$100.00 + shipping. I was very surprised to read Joe's statement on what he was able to get his DX-70 to do. We have tested and tested and tested, finding that the radio (if you can even get it to go below 10 watts on high or low power) becomes very unpredictable and in most cases unusable. Just a warning to those of you think about readjusting your radio...Don't do it. It's not worth the end result and will most likely cost you money in the long run. I hope this info helps. Take care to all and 73!  
Scott, KC6TTR  
Alinco, KW1KW  
end of message

Is this accurate? I have not contacted the Alinco guys directly. The unit I purchased was a DX-70T. It has not arrived yet.  
Will I be disappointed when I try and use it as a QRP rig?

Thanks,

Kelly Ellison  
WB0WQS  
QRP-L #702

-----  
Date: Fri, 6 Mar 1998 15:44:56 -0500 (EST)  
From: Chris Cartwright <ccart@dns.vidtel.com>  
To: QRP Reflector <qrp-l@Lehigh.EDU>  
Subject: [5395] Re: Alinco DX-70 QRP longish  
Message-ID: <Pine.LNX.3.93.980306153458.723B-100000@dns.vidtel.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 6 Mar 1998, Kelly Ellison wrote:

> Is this accurate? I have not contacted the Alinco guys directly. The





Date: Fri, 6 Mar 1998 14:45:57 -0500  
From: Mel Evans <MelEvansGM6JAG@compuserve.com>  
To: The Editor <letters@nytimes.com>  
Cc: qrp-1 <qrp-1@Lehigh.EDU>  
Subject: [5397] Ham Radio  
Message-ID: <199803061446\_MC2-35C9-3702@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Disposition: inline

Dear Sir,

I read the recent article by John Verity regarding Ham Radio, and feel it might interest your readers to know that home-building of equipment for Ham Radio is NOT dead, and indeed is flourishing in the US, the UK and Europe. Many Ham radio operators are interested in QRP or low power operation.

These same operators will make contacts worldwide using less power than the average domestic lamp, using mainly home-built radio receivers and transmitters. Some choose to use solar or wind power sources to run these radios, ensuring conservation of non-renewable fuel sources, and all will have a great deal of fun and satisfaction doing so!

I myself am taking part in a worldwide project via the Internet where over 100 of us are to build the same radio transceiver with feedback and explanations of the theory of the unit, together with tips on the building, will be fed into the net on a daily basis for all to see and follow.

I do hope you can find some space to inform your readers that they don't have to spend "megabucks" to take part in this worldwide hobby of ours.

Yours Faithfully

Mel Evans  
56 Southhouse Road  
EDINBURGH  
Scotland UK  
EH 17 8 EU

Ham Radio operator GM6JAG

-----  
Date: Fri, 6 Mar 1998 10:18:49 +0000  
From: Leon Heller <leon@lfheller.demon.co.uk>  
To: henryf@quartz.gly.fsu.edu  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [5398] Re: Book:you all should have  
Message-ID: <1Z89QCAJ28\$0EwUB@lfheller.demon.co.uk>  
MIME-Version: 1.0

In message <34FEFA54.2B89@quartz.gly.fsu.edu>, Henry Freedenberg  
<henryf@quartz.gly.fsu.edu> writes  
>pete petry wrote:  
>>  
>> >Guys just came across a book that is now carried in our storeroom.  
>> >"The Art of Electronics" by Paul Horowitz Cambridge University Press  
>  
>I like Horowitz also. I recall the book to be copyrighted in 1989.  
>About time for a second edition?

The current, 1989, edition is the second. H & H are working on the third edition.

Leon

--  
Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>  
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424  
See <http://www.lfheller.demon.co.uk/dds.htm> for details of my AD9850  
DDS system. See " /diy\_dsp.htm for a simple DIY DSP ADSP-2104 system.

-----  
Date: Fri, 6 Mar 1998 13:52:48 -0600  
From: Kevin Muenzler <wb5rue@stic.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, "'foxes@theriver.com'"  
<foxes@theriver.com>  
Subject: [5399] RE: Apology  
Message-ID: <01BD4907.26AFDC20@muenzlerk.uthscsa.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

On foxes@theriver.com, Andy Fox[SMTP:foxes@theriver.com] wrote:  
> Hello,

>  
<snip>

> The Internet is a wonderful tool, and very powerful. I think I  
> succumbed to the lure of its "dark side" for a moment, by replying to a  
> post without thinking about the possible consequences.

>  
> Sorry.

>  
>  
> --

> -----  
> Andy Fox, KK7HV  
> mailto:foxes@theriver.com  
> http://personal.riverusers.com/~foxes/  
> -----

I think we have all suffered from "keyboard in mouth" disease before.  
Let this be a lesson to all of us.

My grandfather used to say:

"There are three kinds of men --  
Ones who learn from observation,  
ones who learn from examples,  
and ones who learn from urinating on the electric fence themselves."

I heard something like this on the radio today too.

Kevin, WB5RUE

-----  
Date: Fri, 06 Mar 1998 19:56:15 GMT  
From: mwattcpa@earthlink.net (Marty Watt)  
To: qrp-1@Lehigh.EDU  
Subject: [5400] NorCal Paddles  
Message-ID: <350053de.73508718@mail.earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

Gang,

I thought I ordered late enough to get the narrow paddles, but ended up =  
with

the wide-base paddles.

I prefer the narrow, as it more closely matches the spacing of the WBL = set.

If anyone wants my set, or will swap for a narrow set, I'd be happy to consider a deal of some sort. Mine is completely unfinished, only opened= the package today (received it around the middle/end of January).

Would consider swap for a Vibroplex Brass Racer (triangle base) ... give = me the details if you are interested in a swap.

--

72 es 73 de Marty, KM7W

-----  
=46ranklin, Tennessee <http://home.earthlink.net/~mwattcpa> =  
=20  
NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid EM65

-----  
Date: Fri, 6 Mar 1998 11:59:09 -0800 (PST)  
From: Monte Stark <ku7y@sage.dri.edu>  
To: Chuck Adams <adams@chuck.dallas.sgi.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [5401] Re: Paddles and Learning  
Message-ID: <Pine.SUN.3.90.980306115304.13063G-1000000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 6 Mar 1998, Chuck Adams wrote:

> My problem is, and this is what Ron KU7Y keeps picking on me for, that  
> I have been using Mode B so long that I can't do Mode A. :-) Maybe on  
> a good day but those are rare.....

Me? Naw, I'd never do anything like that..... all I did was  
snicker just a little bit during your demonstration of Mode A  
keying. :-)

>

> ..... is to have a sending contest, not a receiving contest.  
> Mode A vs. Mode B

Or even with both hands, one on one keyer and one on the other.  
Each sending the same thing or something different at the same  
time! :-)

I'm home today. About a foot on new snow and the heater quit  
working. House was 49F. Carol thought it would be nice if I  
fixed it!

While this isn't QRP it is the first time I've ever seen this  
happen..... To fix the heater I had to put the ladder up to  
the roof and uncover the heater vent pipe! It was covered  
in snow and ice!

Just like fixing radios..... seldom is it some high tech  
problem!

cul,

73, Ron,        SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Fri, 6 Mar 1998 13:17:06 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: qrp-l@Lehigh.EDU, cqc@mtechnologies.com  
Subject: [5402] Nice Surprise  
Message-ID: <199803062016.NAA01049@edison.chisp.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Got a nice surprise in the mail from HI yesterday-- a certificate  
saying I was CO runner-up in the USAF 50th Anniversary QSO Party. I  
can't even remember why I sent the log in-- from memory it was during  
the QRP Afield event, and I just worked some AF guys (being ex  
myself) when I got bored.

Unfortunately the certificat doesn't acknowledge the fact that I was  
QRP, but \*I\* know. The accompanying letter says they are going to  
make it an annual event-- the AF Anniversary QSO Party, on Sept

19th-20th. Details will be on their web page at  
<http://www.ourworld.compuserve.com/homepages/k5xs>.

73

Marshall Emm  
N1FN/VK5FN  
n1fn@mtechnologies.com  
Milestone Technologies  
Software, kits, tools...  
<http://www.mtechnologies.com>  
(303)752-3382  
--

-----  
Date: Fri, 06 Mar 1998 20:28:23 +0000  
From: Ed Loranger <we6w@qsl.net>  
To: wb5rue@stic.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [5403] Re: Apology  
Message-ID: <35005C67.199D@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Kevin Muenzler wrote:

<snip of prior post>

> I think we have all suffered from "keyboard in mouth" disease before.

> Let this be a lesson to all of us.

>

> My grandfather used to say:

>

> "There are three kinds of men --

> Ones who learn from observation,

> ones who learn from examples,

....

> and ones who learn from urinating on the electric fence themselves."

11 years Old, on my way to baseball practice. This will NEVER  
happen again.

I became as smart as the horse in an instant. Krell Brain Boost!  
And lived to tell abt it.

Thanks for bringing back old memories...

-Ed

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR  
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

-----  
Date: Fri, 06 Mar 1998 15:29:31 -0500  
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>  
To: Leon Heller <leon@lfheller.demon.co.uk>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [5404] Re: Book:you all should have  
Message-ID: <35005CAB.510E@quartz.gly.fsu.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Leon Heller wrote:

> The current, 1989, edition is the second. H & H are working on the third  
> edition.  
>

The truth comes out.

-----  
Date: Fri, 6 Mar 1998 12:39:17 -0800  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-l@Lehigh.EDU>  
Subject: [5405] NorCal to have Major Announcement at Dayton  
Message-ID: <01bd493f\$eeaca0e0\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

NorCal will be making a major announcement of the next NorCal kit at Dayton on Saturday night at the hospitality room. Please plan on attending so that you can be the first on your block to hear the news. We will have working prototypes to show, and complete details of the kit will be available. The designer will attend, and others involved in the project will also be there. Hope to see you at Dayton. 72, Doug, KI6DS



-----  
Date: Fri, 6 Mar 1998 15:41:48 -0500 (EST)  
From: "Curtis D. Levin" <cdlevin@dialisdn.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [5406] cw on 10 meters ???  
Message-ID: <Pine.LNX.3.95.980306153951.10116A-1000000@danial.dialisdn.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Anyone know where all the cw action is on 10 meters ???  
I got a contact earlier today on 28.150. The band is pretty  
much open, but noone is working cw ??????  
When I listen on 40, I hear 100 khz of nothing but cw sigs.  
I listen, and on 100 khz of 10, I hear nothing but noise.  
Anyone ???

-----  
| Curtis D. Levin | Team 0s/2 | cdlevin@dialisdn.com |  
| kd4zkw.ampr.org [44.98.2.22] | kd4zkw@amsat.org |  
| \*Member of HTML Writers Guild\* | \* \* Linux 2.0.33 \* \* |  
| Webpage <http://dialisdn.net/user/cdlevin/> |  
-----

-----  
Date: Fri, 06 Mar 1998 15:52:46 -0500  
From: Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>  
To: cdlevin@dialisdn.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [5407] Re: cw on 10 meters ???  
Message-ID: <3500621E.AD07C6E9@eng14.rochny.uspra.abb.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Curtis D. Levin wrote:

>  
> Anyone know where all the cw action is on 10 meters ???  
> I got a contact earlier today on 28.150. The band is pretty  
> much open, but noone is working cw ??????  
> When I listen on 40, I hear 100 khz of nothing but cw sigs.  
> I listen, and on 100 khz of 10, I hear nothing but noise.  
> Anyone ???

>

Curtis,

I have been doing some 10 meter cw mobile operating lately. Mostly around noon to 1300 and 1700 or so. Most of the activity has been 28.010 to 28.030 with some signals at 28.060 (qrp freq??). When the band opens up there will be activity over a wider frequency range.

Hope to cu on 10 cw some time.

73

Tom, kv2x

~~~~~

Date: Fri, 06 Mar 1998 20:58:35 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: qrp-1@Lehigh.EDU
Subject: [5408] DCTL questions
Message-ID: <350061df.77093074@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

Gang,

I'm looking at the CQ article (1994) outlining construction of a DCTL = antenna.

I think it has wondrous possibilities for my cliffside dwelling. Two questions:

The design as specified uses a hairpin impedance match -- transforming = (per the article) 5 ohms to 300 ohms. The 300 ohms is then used as feedline through a 4:1 balun to a tuner. Wouldn't it be easier to match the = antenna to 50 ohms, run 50 ohm coax to a tuner, and eliminate the balun? Is this transformation possible with such a short, open-stub haripin match (2'2" = on 40m)?

Second, the design is contemplated as a delta-loop, bottom fed. If I = make this horizontal, what operational changes can I anticipate? Will it = still work? Will it be more omni-directional?

Thanks for the thoughts.

--

72 es 73 de Marty, KM7W

=46ranklin, Tennessee <http://home.earthlink.net/~mwattcpa> =
=20
NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid EM65

Date: Fri, 06 Mar 1998 20:55:09 +0000 (GMT)
From: Kevin Muenzler WB5RUE <wb5rue@stic.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Cc: "Curtis D. Levin" <cdlevin@dialisdn.com>
Subject: [5409] RE: cw on 10 meters ???
Message-ID: <19980306.205509.wb5rue@stic.net>

On cdlevin@dialisdn.com, Curtis D. Levin[SMTP:cdlevin@dialisdn.com] wrote:

>
> Anyone know where all the cw action is on 10 meters ???
> I got a contact earlier today on 28.150. The band is pretty
> much open, but noone is working cw ??????
> When I listen on 40, I hear 100 khz of nothing but cw sigs.
> I listen, and on 100 khz of 10, I hear nothing but noise.
> Anyone ???
>
>
> -----
> | Curtis D. Levin | Team 0s/2 | cdlevin@dialisdn.com |
> | kd4zkw.ampr.org [44.98.2.22] | kd4zkw@amsat.org |
> | *Member of HTML Writers Guild* | * * Linux 2.0.33 * * |
> | Webpage <http://dialisdn.net/user/cdlevin/> |
> ~~~~~
>
>
>
>

Give it a while. Winter openings on 10-meters are not that common. Wait until Summer, or better, a couple of years from now. 10-meters will be hopping! You'll be able to work the world on 5 watts or less! I have two QSL cards from Eastern Europe using 8 watts CW on 28.040 MHz from the last solar cycle peak in 1989/1990.

Kevin, WB5RUE

wb5rue@stic.net

Date: Fri, 06 Mar 1998 15:37:13 -0600
From: Mike Martin <mmartin@netins.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [5410] Re: Apology
Message-ID: <35006C86.3A421BB7@netins.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In the timeber, racoon hunting....10:30 at night, 16 years old.....an
"uplifting" experience!!!

Ed Loranger wrote:

> Kevin Muenzler wrote:
> <snip of prior post>
> > I think we have all suffered from "keyboard in mouth" disease before.
> > Let this be a lesson to all of us.
> >
> > My grandfather used to say:
> >
> > "There are three kinds of men --
> > Ones who learn from observation,
> > ones who learn from examples,
> >
> >
> > and ones who learn from urinating on the electric fence themselves."
> >
> 11 years Old, on my way to baseball practice. This will NEVER
> happen again.
> >
> I became as smart as the horse in an instant. Krell Brain Boost!
> And lived to tell abt it.
> >
> Thanks for bringing back old memories...
> -Ed
> --
> 72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
> <http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Fri, 6 Mar 1998 14:46:58 -0700
From: "Michael Connor" <mikec@primenet.com>
To: <adams@chuck.dallas.sgi.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [5411] Re: Paddles and Learning
Message-ID: <01bd4949\$63716ce0\$202144c6@mike.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Chuck wrote -

>My problem is, and this is what Ron KU7Y keeps picking on me for, that
>I have been using Mode B so long that I can't do Mode A. :-) Maybe on
>a good day but those are rare.....

Guys, here is yet another example of how humble Chuck is. He taught us things about Mode A at Pacificon last year that were not only "educational" but "entertaining" as well.

Some teachers just have the gift.....:-)

With tongue firmly in cheek,

Mike
N07K
AZ ScQRPions

Date: Fri, 06 Mar 1998 21:56:44 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [5412] HOW MUCH DRIFT is OK?
Message-ID: <3500711C.45FB@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I worked our QRO KW buddy, Whit in TX agn the other night.

I entered my Garage, TEMP:46 F. Turned on the ol' tube rig, my DRAKE TR-3. Found an open QRG and verified I had 4.95 WATTS on the Wattmeter.

The band was very quiet except for Whit, so I gave him a 5 watt signal to play with. QRZ? a couple of times until he had me dialed in on his !!!! 100 Hz Tight Filter !!!!

Comments abt my rig were Constructive, but nonetheless a bit disturbing.

After 25 minutes I had drifted down by 190 Hz. Also, I only have a shared power outlet in the garage that goes a little low in voltage when the Whole-house heater turns on. Additionally, sometimes the PTO jumps but less than 50 Hz. And the cold garage had an effect too.

So the powerline/PTO results in 100 Hz variation, and the 30 minute warmup freq. change is 190 Hz.

Should I be as concerned as I am about this?

It becomes a bit disconcerting that he had to open the filter above 100 Hz during the QSO.

Or am I less of an operator if he can't use a 100 Hz filter? 50 Hz filter?

Or -- Should I be happy we had a solid QSO with my 5 watts over a 30 minute period without a missed character?

Do you get my drift? :) and 72!
-Ed
--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Fri, 6 Mar 1998 15:44:22 -0500
From: wb8ygg@juno.com
To: qrp-l@Lehigh.EDU
Subject: [5413] Re: Paddles and Learning
Message-ID: <19980306.154423.12518.1.wb8ygg@juno.com>

Ok you guys, here is the pacificon poop! See what you all missed..
At Pacificon, Chuck wanted a keyer for his demo..I had a bunch for some

strange reason, also had a Curtis. The Curtis keyer was plenty loud enough, but
as I told Chuck as I handed it to him.. but Chuck, it's mode A..

"that don't matter, long as it's loud"

I was really impressed, and thought geesh, maybe some day, I'll be able to switch modes at the wink of an eye, but I can't today for sure!

I left the room to do some negotiating with Derry in another room. Later, I returned, to find Monty Stark just about rolling on the floor, and Chuck with a dead deer in the headlight look saying hey this is mode A sending KQ KQ KQ

I got a big Chuckle out of it for sure. I was glad to know that I'm not alone having a hard time shifting gears from one mode to the other.

73rds.

Brad
WB8YGG

Embedded Research
Brad WB8YGG/Gary N2JGU
<http://www.frontiernet.net/~embres>
embres@frontiernet.net

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 06 Mar 1998 14:36:14 -0800
From: Jim Lowman <jmllowman@ix.netcom.com>
To: we6w@qsl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [5414] Re: Apology
Message-ID: <35007A5E.C68921DC@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed Loranger wrote:

>

> 11 years Old, on my way to baseball practice. This will NEVER

> happen again.
>
> I became as smart as the horse in an instant. Krell Brain Boost!
> And lived to tell abt it.
>
> Thanks for bringing back old memories...

Glad I'm not the only one. Guess it pays to learn at an early age!

Being a city boy all of my life deprived me of learning experiences such as this.

I was on temporary duty to a base in Germany when I was in the AF, back in the mid-70s, to install some electronic equipment.

We had been at the usual gasthaus downtown, enjoying the German brewing art for several hours, when our sober driver decided he wanted to return to the base and get some sleep. Some went back in the truck with him, and a few of us stayed until a late hour, opting to walk the few miles back to the base.

Well, to make a long story short, I stepped to the side of the road to recycle some of the fine malt beverage into a farmer's field.

That's where I learned about the electric fence theory, in short order.

72 de Jim - AD6CW
QRP-L #248

Date: Fri, 06 Mar 1998 18:08:20
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@Lehigh.EDU
Subject: [5415] Re: Headphones
Message-ID: <3.0.3.16.19980306180820.10ef8b2c@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>The earphones I was mentioning are wireless. They have a little TX that
>gets audio from the earphone jack on the radio and sends it out via a
>little VHF FM rig.

>
These cheap FM wireless headphones work in the 49 Mhz region, same as Baby monitors and such. I was fixing a set here at the shop and could hear someone's baby monitor nearby broadcasting house noises. Might pick up

cordless phones too.

If you live in a congested area, your Morse code might be picked up by someones baby monitor and freak them out :-)

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Fri, 06 Mar 1998 22:54:23 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [5416] Re: Paddles and Learning
Message-ID: <35007E9F.18C1@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

OK. Just my \$.02

Here's what you can do if you are an IAMBIC MODE A or B person:

- 1) Must have Iambic paddles
- 2) Must have Iambic MODE A or B keyer.
- 3) Key approx 76/69 percent faster than NON-IAMBIC operator; equal skill.

Here's what you can do if you go Non-Iambic:

- 1) Use Iambic or Single paddle.
- 2) Use ANY keyer in non-squeeze mode.
- 3) Move gracefully between paddles and Bugs.
- 4) Key approx 69/76 percent slower than equal skilled IAMBIC operator.
- 5) Approach any paddle/keyer combo with confidence.
- 6) No reliance on custom IC's for your keyer.
- 7) LOL when Mode C, D etc. becomes popular :)

OK, maybe I shouldn't have hit the send key by accident... :)

But yes, someday I'll learn IAMBIC -- It is another CW operating skill to master... and I will someday.

Now let's talk about DAH's to the thumb, dits to the index finger :)

72 es have a nice weekend all!

-Ed (Keeping it simple.)

P.S. I respect the rights of others to be Iambically inclined :)

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Fri, 6 Mar 1998 15:16:40 -0800 (PST)
From: "Robert P. Okas" <vintage@best.com>
To: Ed Loranger <we6w@qsl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [5417] Re: HOW MUCH DRIFT is OK?
Message-ID: <Pine.BSF.3.96.980306145143.11739A-100000@shell14.ba.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Ed and the Gang,

Well, I'll 'fess up that I have a fondness for radios that glow in the dark! As such, I have some related experience in operating these dear old rigs. First of all, *I* wouldn't sweat the 190 hZ drift. That's not shabby even for an Fet VFO! My SB-102 probably has that amount of warm-up drift, though I've never measured it. That's why they have xtal calibrators and variable graticules on the vfo dials.

I don't have any direct knowledge about the TR-3's vfo: whether it is hollow- or sandy-state. If the former, chances are that the B+ is regulated, but the heater supply isn't. Variations in heater voltage will alter the tube's characteristics and change the oscillating frequency slightly. In any event, it sounds as if your rig is operating normally. The warm-up from a starting temp of 46F is most likely the culprit.

Your concern about being a good operator reminds me of an experience I had a few years ago. I was calling CQ on 80m and had an op return my call. I was using a DX-100 (qro, sorry) and the vfo had just the slightest chirp on it. Just enough to make it distinctive. The poor fellow must have needed some fiber in his diet because he became very upset at my "poor" quality signal. His rig? A TS-950S! I was initially ashamed and embarrassed until I realized his comments were the exception and I have since enjoyed many QSOs with that transmitter.

As far as the other op listening with a 100 Hz filter, was there a contest going on? Heavy QRM? In other words, was there a bonafide need for it or did the op just *think* it was necessary? Sometimes, when we have

rigs with all kinds of bells and whistles, we're tempted to use them at every opportunity... Anyway, that's my take on it.

Bob - W3CD
Redwood City, CA

On Fri, 6 Mar 1998, Ed Loranger wrote:

>
> After 25 minutes I had drifted down by 190 Hz.

> 30 minute warmup freq. change is 190 Hz.
>
> Should I be as concerned as I am about this?
>

Date: Fri, 6 Mar 1998 17:16:29 -0600
From: Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
To: Adams Chuck <adams@chuck.dallas.sgi.com>
Cc: QRP-L list <QRP-L@Lehigh.EDU>
Subject: [5418] Fox: N6WG Final Log
Message-ID: <351A2DFAE256D111883A0060B06B1662429662@s-il02-j.comm.mot.com>
MIME-Version: 1.0
Content-Type: text/plain

Here's the final log from my run this past Monday. Haven't had any further corrections come in so I guess it is close enough. Again my thanks for a bang-up fun time.

72, Bob N6WG and 01' Kenwood

Corrected log for 3/3/98 Fox run of N6WG

CALL	TIME	HIS	MY	ST	NAME	NR
N5JI	0200	449	559	TX	DICK	1054
K2VCO		0202	559	599	CA VIC	725
W6SU	0203	559	559	CA	JOHN	48
W6ZH	0203	559	589	CA	PETE	257
N7IR	0204	559	559	AZ	GARY	1330

K6VNX	0206	559	579	CA	ARLEN	5W
W7SSM	0207	559	559	CA	JOHN	1048
K50N	0208	559	589	NM	GARY	770
AB7TT	0209	549	579	AZ	JOE	191
KI7MN	0210	559	599	AZ	BOB	271
K5ID	0212	549	559	AR	KEN	652
W0RW	0213	559	579	CO	PAUL	2W
N7KT	0214	559	579	AZ	ROGER	62
N7XJW	0216	579	559	AZ	BERTIE	1259
K1MG	0217	559	579	CA	MIKE	614
K0EVZ	0218	559	589	MN	DOC	861
K50I	0220	559	599	NM	TIM	73
AB5UA	0222	559	559	OK	CLIFF	478
K06KA	0222	579	589	CA	ROB	176
N7VE	0224	559	559	AZ	DAN	696
WE6W	0225	559	559	CA	ED	1068
W6KI	0226	559	579	CA	GLEN	138
W0CH	0229	559	559	MO	DAVE	618
K10J	0230	559	559	TX	OJ	732
KU7Y	0231	559	559	NV	RON	17
AB70A	0232	449	559	AZ	KENT	57
WA9PWP	0233	449	569	WI	PAUL	127
KA5T	0235	449	449	TX	LARRY	89
N4XDW	0236	449	559	AL	JAY	1372
N5LU	0239	559	579	OK	BILL	5W
N5TW	0240	559	579	TX	TOM	1474
NQ7X	0241	559	559	AZ	FLOYD	343
KK6MC/5	0243	559	559	NM	JIM	411
WB0T	0244	339	559	IA	JERRY	1268
W5FN	0245	559	579	TX	TIM	586
W8RU	0246	559	579	MI	RON	188
N0TFI	0247	559	579	CO	JESS	1232
N1QQV	0249	339	449	CT	KEN	400
N9KW	0252	559	449	IL	JOHN	1257
N0UR	0253	559	579	MN	JIM	799
K5UP	0255	559	549	OK	GLEN	21
K5VUU	0256	559	559	TX	ED	1343
N6VZ	0258	559	559	CA	GARY	919
AB7MY	0259	559	579	AZ	GARY	571
WD4MSM	0300	449	559	IN	BARRY	642
W5HNS	0305	559	559	TX	HENRY	178
AA9L	0307	449	439	WI	RICH	1355
WB4EXW	0309	339	559	NC	WATSON	5W
K5JHP	0315	339	339	TX	BILL	825
VE7CQK	0317	449	559	BC	PAUL	20
WA6NAE	0318	559	559	CA	DWIGHT	2W
N7MFB	0319	559	569	WA	BILL	715
K5NZ	0321	449	559	TX	MIKE	5W

N7GS	0322	559	569	MT	MAL	815	
W5XE	0323	559	539	TX	RAY	256	
KL7IXI/7	0325	449	559	WA	MIKE	4W	
AA5TA		0326	449	559	TX	LARRY	1245
K8DD	0327	449	539	MI	HANK	246	
K5ZTY		0328	449	559	TX	BILL	473
N4ROA		0330	539	539	VA	DAN	970
KQ5U	0331	449	559	TX	TERRY	5W	
KC1FB		0333	339	559	CT	JIM	29
N6LL	0335	569	599	CA	PAUL	5W	
NU6SN		0336	339	559	CA	RICHARD	55
W3CD	0338	339	559	CA	BOB	238	
N9DD	0339	339	559	IN	TOM	32	
N2VPK		0341	339	559	NY	MARK	314
VE3ELA	0344	339	439	ON	KEN	3W	
N1TP	0345	339	339	FL	TOM	1317	
NU8Z	0347	339	449	MI	MARK	1431	
N0BS	0349	339	559	MN	TOM	985	
W2UX	0352	229	229	SC	GARY	593	
KG2LO		0353	339	339	NJ	ROLAND	1445
AB7TK		0356	339	559	ID	RANDY	102
W6EMT		0359	559	569	WA	ROY	369

Date: Fri, 06 Mar 1998 23:17:38 +0000
 From: Ed Loranger <we6w@qsl.net>
 To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
 Subject: [5419] Re: Paddles and Learning
 Message-ID: <35008412.EC1@qsl.net>
 Mime-Version: 1.0
 Content-Type: text/plain; charset=us-ascii
 Content-Transfer-Encoding: 7bit

Ed Loranger wrote:

>
 > OK. Just my \$.02
 >
 > Here's what you can do if you are an IAMBIC MODE A or B person:
 <snip>
 > 3) Key approx 76/69 percent faster than NON-IAMBIC operator; equal
 > skill.

Key approx 7 dits/dahs STROKES less than non-iambic user per 26 characters.

>

> Here's what you can do if you go Non-Iambic:

> <snip>

> 4) Key approx 69/76 percent slower than equal skilled IAMBIC operator.

Should be: Key approx 7 dits/dahs STROKES extra for every 26 characters.

Sorry, but percent doesn't work! 69 and 76 are from my memory of data metrics on this subject extracted from email and web articles.

>

> P.S. I respect the rights of others to be Iambically inclined :)

> --

> 72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR

> <http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR

<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Fri, 06 Mar 1998 18:28:59 EST

From: kq0i@juno.com (Mark R Milburn)

To: qrp-l@Lehigh.EDU

Subject: [5420] Re: NU0V/John

Message-ID: <19980306.172649.5247.0.KQ0I@juno.com>

On Thu, 5 Mar 1998 23:58:21 -0500 "john paul keon" <jpkeon@bellsouth.net> writes:

>Well, we met with John at Two Guys and I really enjoyed the session.

>It was

>nice to meet a QRP'r from the great state of Iowa. Glad he came by

>and it

>was an eye opener to realize how few ops there are out there.

>Hope he enjoyed it as much as I did, and good to see the rest of you

>too.

>JohnPaul/AB4PP

>

Well, there's really more of us than we let on we're afraid to say too much or everyone will realize what a great state Iowa is, and then we'll be swamped with crowds of people moving in. We have over a hundred members in our local radio club in Des Moines and there are at least two other clubs in town....and of course Cedar Rapids was the home of Collins, so there are many many hams there, too. The problem is getting

many of them interested in QRP.

Thanks for your hospitality to our "home boy"...sounds like you have a great state, too.

72 Mark

Mark Milburn, KQ0I@W0AK.#CIA.IA.USA.NA E-mail KQ0I@juno.com
ARRL;QRP-L #625;NORCAL #1829;ARS #139;NW QRP #418;QRP ARCI #9226

>*****

>jpkeon@bellsouth.net

>Raleigh.NC

>ARRL,Klites (yet unknighthed), SOWP 4759-M, ARCI-QRP#8566, QRP-L #1417,

>AR-QRP # 209, NJ-QRP-#120, LI-QRP (No Number), YLISSB 8308, Grid

>FM-05)

>*****

>

>===== KL QRP Club Mailing List =====

>To unsubscribe from this list, send email to listserver@waterw.com

>and put the text "unsubscribe klqrp" in the message. To post a

>message to the list, send email to klqrp@waterw.com.

>

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Date: Fri, 06 Mar 1998 16:41:04 -0700

From: "Caro, Carlos" <carlos.caro@lmco.com>

To: "'qrp-l@lehigh.edu'" <qrp-l@Lehigh.EDU>

Subject: [5421] Whizzing tales

Message-ID: <22C29700E1CFD011920900608C14D84B3F72B4@cos141-gate55.ccs.lmco.com>

MIME-version: 1.0

Content-type: text/plain

Hi all ,

This last topic of wetting down a charged wire brought a chuckle, as I too have a story. I rank as one who learns by observation. It was 1963 in the Pyrennes between Spain and France. The Squadron Commander wanted a pitch and putt course laid out but the grazing sheep messed up his greens. As a Philco Tech-Rep I was requested to do something about it so we laid out an electric fence system using TV flyback xfmr's.

The Basque sheep herders always use their dogs and this stout canine was

working real hard when he decided to take a pause that refreshes.
Unfortunately for him he hit our live wire and I never saw him take off
but I could hear him Yiping down the valley. I think he is still running
even after 35 years. I have to admit that we laughed so hard I wet
myself.

Had'nt thought about that poor dog in many a year!

Regards,

Carlos #1333

Date: Fri, 06 Mar 1998 15:42:51 -0800
From: Monte Stark <ku7y@dri.edu>
To: we6w@qsl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [5422] Re: Apology
Message-ID: <350089FB.4872C12E@dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed Loranger wrote:

>
> > and ones who learn from urinating on the electric fence themselves."
>
> 11 years Old, on my way to baseball practice. This will NEVER
> happen again.
>

I lived on 800 acres full of cattle and horses. I'd always bet my city
buddies to see who could hit the little white thing holding the fence
wire..... they were always better than me.

One guy went almost all summer before he was making a good stream when
the pulse came by! Instant intelligence!

This does tie into QRP because I could never get high enough up the
post! :-)

--

73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
QRP ARCI #8829-----NorCal #330-----QRP-L #17-----ARS #49
AR QRP #150-----DM09cg-----New Washoe City, NV

Date: Fri, 6 Mar 1998 18:45:20 -0500
From: "Mike Czuhajewski" <mczuhajewski@evi-inc.com>
To: "QRP forum" <qrp-l@Lehigh.EDU>
Cc: "Mike Czuhajewski" <wa8mcq@abs.net>
Subject: [5423] No QRP in NY Times article
Message-ID: <199803062343.SAA19006@xanadu.evi-inc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

>From Paulette Quick on qrp-l recently...

Check out the ham radio article in the Circuits section of today's New York Times. In my national edition, it's on page D9. Entitled "Ham Radio, Version 2.0, for the Silicon Era," it's a pretty good job but doesn't mention QRP. It also claims 4,000 watts as the maximum legal power. Ouch!

[snipski]

Uh yeah, right. And I can tell you why there's no mention of QRP! I got e-mail a few weeks back from someone at the ARRL staff, addressed to me in my capacity as President of the QRP ARCI. ARRL had been contacted by the author of this item, wanting some contact points to do research for his(her?) article. The staffer apparently was directed to me by another ARRL staffer who was a QRPer. She asked me if I'd mind talking to the author, who wanted to include a bit on QRP and homebrew. Sure, I'll be glad to talk with the author, sez I, gave her all my phone numbers, and she later replied that she had passed my numbers to the author. Needless to say--and obvious from the article!--the author never contacted me for inputs on QRP and homebrewing. Oh well....at least us hams know what QRP will do :-)

73 and Queue Our Pea de WA8MCQ wa8mcq@abs.net

End of QRP-L Digest 1021

